OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC212630

EPPK1 (NM_031308) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPPK1 (NM_031308) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EPPK1
Synonyms:	EPIPL; EPIPL1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

```
>RC212630 representing NM_031308
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTGGCCACACCTTGCCTCCTCTTCCCGTCCCAGGCACCAACAGCACAGAGCAGGCCAGTGTACCCA
GAGCCATGGCAGCCACGCTGGGAGCCGGCACGCCCCCCAGGCCCCAGGCCAGGAGCATAGCTGGGGTGTA
TGTGGAGGCCTCGGGCCAGGCCCAGAGTGTCTACGCCGCCATGGAGCAGGGCCTCCTGCCTGCTGGGCTC
GGGCAGGCTCTGCTAGAGGCCCAGGCAGCCACTGGGGGCCTGGTGGACCTCGCCCGGGGCCAGCTGCTCC
CTGTGTCCAAGGCCCTGCAGCAGGGTCTGGTGGGGCTGGAGCTGAAGGAGAAGCTGCTGGCCGCTGAGCG
TGCCACTACGGGCTATCCTGACCCCTACGGCGGTGAGAAGCTGGCCCTCTTTCAGGCCATCGGGAAGGAG
GTTGTGGACAGGGCCCTGGGGCAGAGCTGGCTGGAGGTCCAACTGGCCACTGGGGGCCTGGTGGACCCCG
CCCAGGGAGTGCTCGTGGCCCCTGAGCCAGCCTGCCACCAGGGCCTCCTGGACCGGGAGACATGGCACAA
GCTGTCAGAGCTTGAGCCTGGCACAGGTGACCTGCGCTTCCTCAACCCCAACACGCTGGAGCGGCTGACA
TACCACCAGCTGCTGGAAAGGTGTGTGCGTGCCCCCGGGTCGGGGCTAGCCTTGCTGCCCCTCAAGATCA
CCTTCCGCTCCATGGGCGGGGCGGTGAGTGCAGCTGAGCTGCTGGAGGTGGGCATCCTGGACGAGCAGGC
TGTGCAGGGTCTGCGGGAGGGCAGGCTGGCCGCAGTGGACGTGAGTGCACGTGCCGAGGTGCGGCGCTAC
CTGGAGGGTACCGGCAGCGTGGCCGGGGTTGTCCTGCTGCCCGAAGGCCACAAGAAGAGCTTTTTCCAGG
CTGCCACCGAGCACCTGCTCCCAATGGGCACCGCGCTGCCACTCCTAGAGGCCCAGGCTGCCACCCACAC
CCTGGTGGACCCCATCACAGGCCAGCGGCTGTGGGTAGACGAGGCAGTCAGGGCGGGCCTGGTCAGCCCA
GAGCTCCATGAGCAGCTCCTGGTGGCTGAGCAGGCCGTGACAGGGCACCACGACCCCTTCAGTGGCTCCC
AAATCCCCCTTTTCCAGGCCATGAAGAAGGGGCTAGTGGACAGGCCACTAGCACTGCGGCTCTTGGATGC
CCAGCTGGCCACAGGCGGGCTGGTCTGTCCAGCACGCAGGCTCCGGCTGCCCCTGGAGGCCGCCCTGCGC
TGCGGCTGCCTGGATGAAGACACTCAGCGGCAGCTCTCGCAGGCTGGCAGCTTCTCAGACGGCACGCACG
GCGGCCTGCGCTATGAACAGCTGCTGGCCCTCTGTGTCACCGACCCAGAGACCGGGCTTGCCTTCCTGCC
ACTCTCAGGGGGACCCCGGGGAGGGGAGCCCCAGGGACCCCCATTCATCAAGTACAGCACTCGGCAGGCC
```

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

CTGAGCACGGCCACAGCCACCGTCTCTGTGGGGAAGTTCCGGGGCCGGCCCGTGTCCCTCTGGGAGCTGC
TCTTCTCTGAGGCCATCTCCTCAGAGCAGAGGGCGATGCTGGCCCAGCAGTACCAGGAAGGGACCCTCTC
CGTGGAGAAGCTGGCCGCTGAGCTGAGCGCCACCCTTGAGCAGGCTGCAGCCACTGCCAGGGTCACCTTT
TCTGGGCTGAGGGACACCGTGACACCAGGAGAGCTGCTGAAAGCCGAGATCATCGACCAGGACCTGTACG
AGCGGTTGGAGCATGGACAGGCCACAGCCAAGGATGTGGGCAGCCTGGCCTCGGCGCAGAGGTACCTGCA
GGGTACGGGCTGCATTGCTGGCCTGCTGCTCCCTGGCTCCCAGGAACGCCTGAGCATCTATGAGGCCCGA
TGCAAGGGGCTCCTCCGGCCCGGCACTGCCCTCATCCTTCTGGAGGCACAAGCTGCCACAGGCTTCATCA
TCGACCCAAAAGCAAACAAGGGGCACTCCGTTGAGGAGGCACTGAGGGCTGCTGTCATTGGGCCTGATGT
GTTCGCGAAGCTGCTGTCGGCTGAGCGCGCTGTCACTGGCTACACTGACCCCTACACCGGGCAGCAGATC
TCCCTCTTCCAGGCCATGCAGAAGGGCCTCATCGTCCGGGAGCACGGCATCCGCCTGCTGGAGGCCCAGA
TCGCCACGGGCGGCGTCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGGACGTGGCCTACCGGCGCGG
CTACTTCGATCAGATGCTGAACTTGATCCTGTTGGACCCTTCTGACGACACCAAGGGCTTCTTCGACCCC
AACACGCACGAGAACCTCACGTACCTGCAGCTTCTGGAGCGCTGTGTGCGTGACCCCGAGACGGGCCTGT
ACCTCCTGCCACTCAGCAGCACGCAGTCCCCGCTGGTGGACAGTGCCACCCAGCAGGCCTTCCAGAACCT
GCTGCTCTCCGTGAAGTATGGACGGTTTCAGGGGCAGAGGGTCTCCGCGTGGGAGCTGATCAACTCTGAG
TACTTCAGCGAGGGCCGCAGGAGGCAGCTGCTGCGTCGCTACCGGCAGCGCGAGGTCACGCTGGGGCAGG
TGGCAAAGCTGCTGGAGGCGGAGACGCAGAGACAGGCGGACATCATGCTGCCCGCACTGCGGAGCCGGGT
CACCGTCCACCAGCTCCTGGAGGCCGGTATCATTGACCAGCAGCTGTTGGACCAAGTGCTGGCCGGGACA
ATCAGCCCGGAGGCCCTCCTACTCATGGACGGCGTCCGCAGGTACCTGTGCGGCCTGGGAGCTGTGGGCG
GTGTGCGGCTGCTGCCCTCTGGCCAGCGGCTCAGCCTCTACCAGGCCATGAGGCAGAAGCTGCTGGGGCC
CAGGGTGGCCCTGGCCCTGCTGGAGGCCCAGGCGGCCACCGGAACCATCATGGACCCTCACAGCCCAGAG
AGCCTCTCGGTGGATGAGGCCGTGCGCAGGGGTGTGGTGGGGCCGGAGCTGTATGGCAGGCTGAAGCGGG
CTGAGGGTGCCATTGCTGGCTTCAGAGACCCCTTCTCTGGGAAGCAGGTGTCTGTGTTCCAGGCCATGAA
GAAAGGTCTCATCCCTTGGGAGCAAGCTGCCCGCCTCCTGGAGGCTCAAGTGGCCACAGGAGGGATCATT
GACCCCACCAGCCACCACCACCTCCCCATGCCAGTGGCCATTCAGCGTGGCTATGTTGACCAGGAGATGG
AGACAGCCTTGTCCAGCTCCTCCGAGACCTTCCCCACACCGGACGGCCAGGGGCGCACGAGCTATGCCCA
GCTCCTGGAGGAGTGCCCCAGGGATGAGACTTCTGGCCTTCACCTCCTGCCCCTGCCAGAAAGTGCTCCT
GCCCTCCCCACCGAGGAGCAGGTCCAGAGGAGCCTGCAGGCCGTGCCGGGGGCCAAGGATGGCACATCCC
TCTGGGACCTGCTCAGCTCCTGCCACTTCACCGAGGAGCAACGGAGGGGCCTGCTGGAGGACGTGCAGGA
GGGGAGGACCACTGTGCCACAGCTGCTAGCCTCTGTGCAGAGGTGGGTACAGGAGACCAAGCTTCTGGCC
CAGGCCCGCGTCATGGTGCCCGGCCCACGGGGTGAGGTACCCGCTGTCTGGCTGCTGGATGCTGGCATCA
TCACCCAGGAGACCCTTGAGGCCCTGGCTCAGGGCACGCAGTCGCCCGCCCAGGTCGCCGAGCAGCCGGC
GGTGAAGGCCTGCCTGTGGGGCACAGGCTGCGTGGCCGGTGTGCTGCTACAGCCCTCTGGGGCCAAGGCC
AGCATCGCCCAGGCCGTGAGGGATGGCCTCCTGCCCACAGGCCTGGGCCAGAGGCTGCTGGAAGCCCAGG
TGGCATCTGGCTTCCTTGTTGACCCCCTGAACAACCAGAGACTGTCAGTGGAGGACGCGGTTAAGGTCGG
CCTGGTGGGCAGGGAGCTGAGTGAGCAGCTCGGGCAGGCCGAGAGGGCGGCGGCCGGGTACCCAGATCCC
TACTCTAGGGCCTCCCTCTCTCTGTGGCAGGCCATGGAGAAGGGGCTCGTGCCACAGAACGAGGGCTTGC
CCCTCCTGCAGGTGCAGCTGGCCACAGGGGGTGTGGTGGACCCTGTCCACGGGGTGCACCTGCCCCAGGC
GGCAGCCTGCAGACTCGGCCTTCTGGACACACAGACGAGCCAGGTGCTGACTGCAGTTGACAAGGACAAC
AAGTTCTTCTTTGACCCCAGTGCGCGGGACCAGGTGACCTACCAGCAGCTCAGGGAGCGCTGCGTGTGCG
ACTCCGAGACCGGATTGTTGCTGTTGCCACTGCCTTCAGACACAGTGCTTGAGGTGGACGACCACACCGC
GGTGGCTCTGAGGGCCATGAAGGTGCCCGTCAGCACAGGGAGGTTTAAGGGGTGTAGCGTGTCACTCTGG
GACCTGCTGCTCTCCGAATACGTTGGCGCTGACAAGCGGCGGGAGCTGGTGGCACTCTGTCGGTCTGGGA
GGGCTGCGGCCCTGCGGCAGGTGGTCAGCGCAGTCACCGCCCTGGTCGAGGCTGCAGAGAGGCAGCCCCT
GCAGGCCACCTTCAGAGGGCTCCGGAAGCAGGTGTCAGCCAGGGACCTGTTCAGGGCGCAGCTGATCAGC
AGGAAGACGCTGGACGAGCTGAGCCAGGGGACAACGACTGTGAAGGAGGTGGCGGAGATGGACAGCGTGA
AGCGGTCCCTGGAGGGAGGCAACTTCATTGCCGGGGTCCTTATCCAGGGCACCCAGGAGAGGATGAGCAT
CCCAGAGGCCCTGAGGAGGCACATCCTGCGGCCTGGCACAGCCCTGGTGCTGCTGGAGGCACAGGCAGCT
ACCGGCTTCATCATCGACCCCGCGGAGAACCGGAAGCTGACCGTGGAGGAGGCGTTCAAAGCAGGAATGT
TCGGGAAAGAAACCTACGTGAAGCTGCTGTCGGCCGAGCGCGCCGTCACCGGCTACACCGACCCCTATAC
CGGGCAGCAGATCTCCCTCTTCCAGGCCATGCAGAAGGACCTCATCGTCCGGGAGCACGGCATCCGCCTG
CTGGAGGCCCAGATCGCCACGGGCGGCATCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGGACGTGG

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

CCTACCGCTGCGGCTACTTCGACGAGGAGATGAACCGCATCCTGGCGGACCCCAGCGACGACACCAAGGG
CTTCTTCGACCCCAACACGCACGAGAACCTCACGTACCTGCAGCTTCTGGAGCGCTGTGTGGAGGACCCC
GAGACGGGCCTGTACCTGCTACAAATCATAAAGAAAGGAGAAAACTACGTGTACATCAATGAGGCCACGA
GACACGTGTTGCAATCCAGAACTGCAAAAATGCGCGTGGGGAGGTTTGCTGACCAGGTGGTCTCTTTCTG
GGACCTGCTGTCCTCTCCATACTTCACAGAGGACAGGAAGCGGGAGCTCATCCAGGAGTATGGAGCCCAG
AGTGGGGGCCTGGAGAAATTGCTGGAAATCATCACCACGACAATTGAAGAAACAGAGACGCAAAACCAAG
GCATCAAAGTGGCGGCCATCAGAGGGGAGGTGACAGCTGCAGACCTGTTCAACTCCAGGGTCATCGATCA
GAAGACCCTGCACACACTTCGTGTGGGGAGGACTGGGGGACAGGCACTCAGCACGCTGGAGTGTGTGAAG
CCCTATCTGGAAGGCAGCGACTGCATTGCGGGGGTCACGGTGCCCTCCACCAGGGAGGTCATGAGCCTCC
ATGAGGCCAGCAGGAAGGAGCTCATCCCTGCAGCATTTGCGACTTGGCTGCTGGAGGCGCAGGCCGCCAC
CGGGTTCCTCCTGGACCCCTGCACCCGCCAGAAGCTCTCTGTGGATGAGGCTGTGGATGTGGGCCTGGTG
AACGAGGAGCTGCGGGAGAGGCTCCTGAAGGCTGAAAGAGCTGCCACGGGCTACAGGGATCCGGCCACAG
GAGACACGATCCCGCTGTTCCAGGCCATGCAGAAGCAGCTCATCGAGAAGGCGGAGGCACTGAGGCTGCT
GGAGGTGCAGGTGGCCACGGGGGGTGTCATCGACCCACAGCACCACCACCGGCTCCCACTGGAAACAGCC
TACAGACGGGGCTGTCTGCACAAGGACATCTATGCGCTCATTTCCGACCAGAAGCACATGAGGAAACGGT
TTGTGGACCCGAACACGCAAGAGAAGGTCTCGTACCGAGAGCTGCAGGAGAGGTGCCGCCCACAAGAGGA
CACGGGCTGGGTGCTGTTCCCAGTGAACAAGGCTGCACGGGACTCCGAGCACATCGATGACGAGACGAGA
AGGGCCCTGGAGGCAGAGCAAGTGGAAATCACAGTGGGAAGGTTCAGAGGCCAGAAACCAACACTGTGGG
CACTACTGAATTCCGAATACGTGACAGAGGAGAAGAAGCTCCAGCTGGTGAGGATGTATAGAACACACAC
CAGACGGGCACTGCAGACGGTAGCGCAGCTCATCTTAGAGTTGATCGAGAAGCAGGAAACCAGCAACAAA
CACCTGTGGTTCCAAGGAATTAGACGACAGATCACAGCTTCTGAACTCCTCAGCTCAGCCATAATCACGG
AGGAAATGCTCCAGGACCTGGAAACGGGACGGAGCACGACGCAAGAGCTCATGGAGGACGACCGCGTCAA
GCGCTACCTGGAGGGCACCAGCTGCATCGCGGGCGTCCTGGTGCCCGCCAAGGACCAGCCCGGCCGCCAG
GAGAAGATGAGCATCTACCAGGCCATGTGGAAGGGCGTGCTGCGGCCCGGCACGGCCCTGGTGCTGCTGG
AGGCGCAGGCGGCCACCGGCTTCGTCATCGACCCCGTGCGCAACCTGAGGCTGTCGGTGGAGGAGCCCGT
GCCCGCGGGCGTGGTGGGCAGCGAGATCCAGGAGAAGCTGCTGTCGGCCGAGCGCGCCGTCACCGGCTAC
ACCGACCCCTACACCGGGCAGCAGATCTCCCTCTTCCAGGCCATGCAGAAGGACCTCATCGTCCGGGAGC
ACGGCATCCGCCTGCTGGAGGCCCAGATCGCCACGGGCGGCGTCATCGACCCCGTGCACAGCCACCGCGT
GCCCGTGGACGTGGCCTACCGGCGCGGCTACTTCGACGAGGAGATGAACCGTGTCCTGGCCGACCCCAGC
GACGACACCAAGGGTTTCTTCGACCCCAACACGCACGAGAACCTCACGTACGTGCAGCTGCTGCGCCGCT
GCGTGCCCGACCCGGACACCGGGCTCTACATGCTGCAGCTGGCAGGCCGGGGCTCCGCCGTGCACCAGCT
GAGCGAGGAGCTGCGCTGTGCCCTGCGCGACGCCCGCGTGACGCCAGGCTCGGGCGCCCTCCAGGGCCAG
AGCGTCTCCGTCTGGGAGCTCCTCTTCTACCGCGAGGTGTCCGAGGACCGGCGCCAGGACCTGCTGAGCA
GATACCGGGCGGGCACGCTGACCGTGGAGGAGCTGGGCGCCACCCTCACCTCGCTGCTGGCCCAGGCCCA
GGCCCAGGCCCGGGCCGAGGCCGAGGCCGGGAGCCCGCGCCCAGACCCCCGGGAGGCCCTGCGTGCGGCC
ACCATGGAGGTCAAGGTGGGCCGCCTCCGGGGGCGCGCGGTGCCCGTGTGGGACGTGCTGGCGTCCGGCT
ACGTGAGCAGGGCCGCCCGGGAGGAGCTGCTGGCCGAGTTTGGCTCGGGGACCCTGGACTTGCCCGCGCT
GACCCGCCGGCTGACCGCCATCATCGAGGAGGCCGAGGAAGCCCCCGGGGCCCGGCCGCAGCTCCAGGAC
GCCAGGCGCGGCCCGCGGGAGCCAGGGCCAGCCGGGCGAGGGGACGGCGACTCGGGGCGCTCCCAGCGAG
AGGGCCAGGGGGAGGGCGAGACCCAGGAGGCCGCCGCCGCCGCCGCCGCCGCCCGCCGCCAGGAGCAGAC
CCTGCGTGATGCCACCATGGAGGTGCAGCGCGGGCAGTTCCAGGGGCGGCCGGTCTCCGTGTGGGACGTC
CTCTTCTCCTCGTACCTGAGCGAGGCCCGCCGAGACGAGCTCCTGGCCCAGCACGCGGCCGGCGCCCTGG
GCCTGCCCGACCTCGTCGCCGTCCTCACCCGGGTCATCGAGGAGACGGAGGAGCGGCTCAGCAAGGTGTC
CTTCCGCGGCCTGAGGCGCCAGGTGTCCGCCTCCGAGCTGCACACGTCCGGGATCCTGGGCCCCGAGACC
CTGCGGGACCTGGCCCAGGGCACTAAGACGCTGCAGGAGGTGACGGAGATGGACTCGGTCAAGCGCTACC
TGGAGGGCACCAGCTGCATCGCGGGCGTCCTGGTGCCCGCCAAGGACCAGCCCGGCCGCCAGGAGAAGAT
GAGCATCTACCAGGCCATGTGGAAGGGCGTGCTGCGGCCCGGCACGGCCCTGGTGCTGCTGGAGGCGCAG
GCGGCCACCGGCTTCGTCATCGACCCCGTGCGCAACCTGAGGCTGTCGGTGGAGGAGGCCGTGGCCGCGG
GCGTGGTGGGCGGCGAGATCCAGGAGAAGCTGCTGTCGGCCGAGCGCGCCGTCACCGGCTACACCGACCC
CTACACCGGGCAGCAGATCTCCCTCTTCCAGGCCATGCAGAAGGACCTCATCGTCCGGGAGCACGGCATC
CGCCTGCTGGAGGCCCAGATCGCCACGGGCGGCGTCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGG
ACGTGGCCTACCGGCGCGGCTACTTCGACGAGGAGATGAACCGTGTCCTGGCCGACCCCAGCGACGACAC

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

CAAGGGTTTCTTCGACCCCAACACGCACGAGAACCTCACGTACGTGCAGCTGCTGCGCCGCTGCGTGCCC
GACCCGGACACCGGGCTCTACATGCTGCAGCTGGCAGGCCGGGGCTCCGCCGTGCACCAGCTGAGCGAGG
AGCTGCGCTGTGCCCTGCGCGACGCCCGCGTGACGCCAGGCTCGGGCGCCCTCCAGGGCCAGAGCGTCTC
CGTCTGGGAGCTCCTCTTCTACCGCGAGGTGTCCGAGGACCGGCGCCAGGACCTGCTGAGCAGATACCGG
GCGGGCACGCTGACCGTGGAGGAGCTGGGCGCCACCCTCACCTCGCTGCTGGCCCAGGCCCAGGCCCAGG
CCCGGGCCGAGGCCGAGGCCGGGAGCCCGCGCCCAGACCCCCGGGAGGCCCTGCGTGCGGCCACCATGGA
GGTCAAGGTGGGCCGCCTCCGGGGGCGCGCGGTGCCCGTGTGGGACGTGCTGGCGTCCGGCTACGTGAGC
GGGGCCGCCCGGGAGGAGCTGCTGGCCGAGTTTGGCTCGGGGACCCTGGACTTGCCCGCGCTGACCCGCC
GGCTGACCGCCATCATCGAGGAGGCCGAGGAGGCCCCCGGGGCCCGGCCGCAGCTCCAGGACGCCTGGCG
CGGCCCGCGGGAGCCAGGGCCAGCCGGGCGAGGGGACGGCGACTCGGGGCGCTCCCAGCGAGAGGGCCAG
GGGGAGGGCGAGACCCAGGAGGCCGCCGCCGCCGCCGCCGCCGCCCGCCGCCAGGAGCAGACCCTGCGTG
ATGCCACCATGGAGGTGCAGCGCGGGCAGTTCCAGGGGCGGCCGGTCTCCGTGTGGGACGTCCTCTTCTC
CTCGTACCTGAGCGAGGCCCGCCGAGACGAGCTCCTGGCCCAGCACGCGGCCGGCGCCCTGGGCCTGCCC
GACCTCGTCGCCGTCCTCACCCGGGTCATCGAGGAGACGGAGGAGCGGCTCAGCAAGGTGTCCTTCCGCG
GCCTGAGGCGCCAGGTGTCCGCCTCCGAGCTGCACACGTCCGGGATCCTGGGCCCCGAGACCCTGCGGGA
CCTGGCCCAGGGCACTAAGACGCTGCAGGAGGTGACGGAGATGGACTCGGTCAAGCGCTACCTGGAGGGC
ACCAGCTGCATCGCGGGCGTCCTGGTGCCCGCCAAGGACCAGCCCGGCCGCCAGGAGAAGATGAGCATCT
ACCAGGCCATGTGGAAGGGCGTGCTGCGGCCCGGCACGGCCCTGGTGCTGCTGGAGGCGCAGGCGGCCAC
CGGCTTCGTCATCGACCCCGTGCGCAACCTGAGGCTGTCGGTGGAGGAGGCCGTGGCCGCGGGCGTGGTG
GGCGGCGAGATCCAGGAGAAGCTGCTGTCGGCCGAGCGCGCCGTCACCGGCTACACCGACCCCTACACCG
GGCAGCAGATCTCCCTCTTCCAGGCCATGCAGAAGGACCTCATCGTCCGGGAGCACGGCATCCGCCTGCT
GGAGGCCCAGATCGCCACGGGCGGCGTCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGGACGTGGCC
TACCGGCGCGGCTACTTCGACGAGGAGATGAACCGTGTCCTGGCCGACCCCAGCGACGACACCAAGGGTT
TCTTCGACCCCAACACGCACGAGAACCTCACGTACGTGCAGCTGCTGCGCCGCTGCGTGCCCGACCCGGA
CACCGGGCTCTACATGCTGCAGCTGGCAGGCCGGGGCTCCGCCGTGCACCAGCTGAGCGAGGAGCTGCGC
TGTGCCCTGCGCGACGCCCGCGTGACGCCAGGCTCGGGCGCCCTCCAGGGCCAGAGCGTCTCCGTCTGGG
AGCTCCTCTTCTACCGCGAGGTGTCCGAGGACCGGCGCCAGGACCTGCTGAGCAGATACCGGGCGGGCAC
GCTGACCGTGGAGGAGCTGGGCGCCACCCTCACCTCGCTGCTGGCCCAGGCCCAGGCCCAGGCCCGGGCC
GAGGCCGAGGCCGGGAGCCCGCGCCCAGACCCCCGGGAGGCCCTGCGTGCGGCCACCATGGAGGTCAAGG
TGGGCCGCCTCCGGGGGCGCGCGGTGCCCGTGTGGGACGTGCTGGCGTCCGGCTACGTGAGCGGGGCCGC
CCGGGAGGAGCTGCTGGCCGAGTTTGGCTCGGGGACCCTGGACTTGCCCGCGCTGACCCGCCGGCTGACC
GCCATCATCGAGGAGGCCGAGGAGGCCCCCGGGGCCCGGCCGCAGCTCCAGGACGCCTGGCGCGGCCCGC
GGGAGCCAGGGCCAGCCGGGCGAGGGGACGGCGACTCGGGGCGCTCCCAGCGAGAGGGCCAGGGGGAGGG
CGAGACCCAGGAGGCCGCCGCCGCCGCCGCCGCCGCCCGCCGCCAGGAGCAGACCCTGCGTGATGCCACC
ATGGAGGTGCAGCGCGGGCAGTTCCAGGGGCGGCCGGTCTCCGTGTGGGACGTCCTCTTCTCCTCGTACC
TGAGCGAGGCCCGCCGAGACGAGCTCCTGGCCCAGCACGCGGCCGGCGCCCTGGGCCTGCCCGACCTCGT
CGCCGTCCTCACCCGGGTCATCGAGGAGACGGAGGAGCGGCTCAGCAAGGTGTCCTTCCGCGGCCTGAGG
CGCCAGGTGTCCGCCTCCGAGCTGCACACGTCCGGGATCCTGGGCCCCGAGACCCTGCGGGACCTGGCCC
AGGGCACTAAGACGCTGCAGGAGGTGACGGAGATGGACTCGGTCAAGCGCTACCTGGAGGGCACCAGCTG
CATCGCGGGCGTCCTGGTGCCCGCCAAGGACCAGCCCGGCCGCCAGGAGAAGATGAGCATCTACCAGGCC
ATGTGGAAGGGCGTGCTGCGGCCCGGCACGGCCCTGGTGCTGCTGGAGGCGCAGGCGGCCACCGGCTTCG
TCATCGACCCCGTGCGCAACCTGAGGCTGTCGGTGGAGGAGGCCGTGGCCGCGGGCGTGGTGGGCGGCGA
GATCCAGGAGAAGCTGCTGTCGGCCGAGCGCGCCGTCACCGGCTACACCGACCCCTACACCGGGCAGCAG
ATCTCCCTCTTCCAGGCCATGCAGAAGGACCTCATCGTCCGGGAGCACGGCATCCGCCTGCTGGAGGCCC
AGATCGCCACGGGCGGCGTCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGGACGTGGCCTACCGGCG
CGGCTACTTCGACGAGGAGATGAACCGTGTCCTGGCCGACCCCAGCGACGACACCAAGGGCTTCTTCGAC
CCCAACACGCACGAGAACCTCACGTACGTGCAGCTGCTGCGCCGCTGCGTGCCCGACCCGGACACCGGGC
TCTACATGCTGCAGCTGGCAGGCCGGGGCTCCGCCGTGCACCAGCTGAGCGAGGAGCTGCGCTGTGCCCT
GCGCGACGCCCGCGTGACGCCAGGCTCGGGCGCCCTCCAGGGCCAGAGCGTCTCCGTCTGGGAGCTCCTC
TTCTACCGCGAGGTGTCCGAGGACCGGCGCCAGGACCTGCTGAGCAGATACCGGGCGAGCACGCTGACCG
TGGAGGAGCTGGGCGCCACCCTCACCTCGCTGCTGGCCCAGGCCCAGGCCCAGGCCCGGGCCGAGGCCGA
GGCCGGGAGCCCGCGCCCAGACCCCCGGGAGGCCCTGCGTGCGGCCACCATGGAGGTCAAGGTGGGCCGC

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

CTCCGGGGGCGCGCGGTGCCCGTGTGGGACGTGCTGGCGTCCGGCTACGTGAGCAGGGCCGCCCGGGAGG
AGCTGCTGGCCGAGTTTGGCTCGGGGACCCTGGACTTGCCCGCGCTGACCCGCCGGCTGACCGCCATCAT
CGAGGAGGCCGAGGAGGCCCCCGGGGCCCGGCCGCAGCTCCAGGACGCCTGGCGCGGCCCGCGGGAGCCA
GGGCCAGCCGGGCGAGGGGACGGCGACTCGGGGCGCTCCCAGCGAGAGGGCCAGGGGGAGGGCGAGACCC
AGGAGGCCGCCGCCGCCACCGCCGCCGCCCGCCGCCAGGAGCAGACCCTGCGTGATGCCACCATGGAGGT
GCAGCGCGGGCAGTTCCAGGGGCGGCCGGTCTCCGTGTGGGACGTCCTCTTCTCCTCGTACCTGAGCGAG
GCCCGCCGAGACGAGCTCCTGGCCCAGCACGCGGCCGGCGCCCTGGGCCTGCCCGACCTCGTCGCCGTCC
TCACCCGGGTCATCGAGGAGACGGAGGAGCGGCTCAGCAAGGTGTCCTTCCGCGGCCTGAGGCGCCAGGT
GTCCGCCTCCGAGCTGCACACGTCCGGGATCCTGGGCCCCGAGACCCTGCGGGACCTGGCCCAGGGCACT
AAGACGCTGCAGGAGGTGACGGAGATGGACTCGGTCAAGCGCTACCTGGAGGGCACCAGCTGCATCGCGG
GCGTCCTGGTGCCCGCCAAGGACCAGCCCGGCCGCCAGGAGAAGATGAGCATCTACCAGGCCATGTGGAA
GGGCGTGCTGCGGCCCGGCACGGCCCTGGTGCTGCTGGAGGCGCAGGCGGCCACCGGCTTCGTCATCGAC
CCCGTGCGCAACCTGAGGCTGTCGGTGGAGGAGGCCGTGGCCGCGGGCGTGGTGGGCGGCGAGATCCAGG
AGAAGCTGCTGTCGGCCGAGCGCGCCGTCACCGGCTACACCGACCCCTACACCGGGCAGCAGATCTCCCT
CTTCCAGGCCATGCAGAAGGACCTCATCGTCCGGGAGCACGGCATCCGCCTGCTGGAGGCCCAGATCGCC
ACGGGCGGCGTCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGGACGTGGCCTACCGGCGCGGCTACT
TCGACGAGGAGATGAACCGTGTCCTGGCCGACCCCAGCGACGACACCAAGGGCTTCTTCGACCCCAACAC
GCACGAGAACCTCACGTACGTGCAGCTGCTGCGCCGCTGCGTGCCCGACCCGGACACCGGGCTCTACATG
CTGCAGCTGGCAGGCCGGGGCTCCGCCGTGCACCAGCTGAGCGAGGAGCTGCGCTGTGCCCTGCGCGACG
CCCGCGTGACGCCAGGCTCGGGCGCCCTCCAGGGCCAGAGCGTCTCCGTCTGGGAGCTCCTCTTCTACCG
CGAGGTGTCCGAGGACCGGCGCCAGGACCTGCTGAGCAGATACCGGGCGGGCACGCTGACCGTGGAGGAG
CTGGGCGCCACCCTCACCTCGCTGCTGGCCCAGGCCCAGGCCCAGGCCCGGGCCGAGGCCGAGGCCGGGA
GCCCGCGCCCAGACCCCCGGGAGGCCCTGCGTGCGGCCACCATGGAGGTCAAGGTGGGCCGCCTCCGGGG
GCGCGCGGTGCCCGTGTGGGACGTGCTGGCGTCCGGCTACGTGAGCGGGGCCGCCCGGGAGGAGCTGCTG
GCCGAGTTTGGCTCGGGGACCCTGGACTTGCCCGCGCTGACCCGCCGGCTGACCGCCATCATCGAGGAGG
CCGAGGAGGCCCCCGGGGCCCGGCCGCAGCTCCAGGACGCCTGGCGCGGCCCGCGGGAGCCAGGGCCAGC
CGGGCGAGGGGACGGCGACTCGGGGCGCTCCCAGCGAGAGGGCCAGGGGGAGGGCGAGACCCAGGAGGCC
GCCGCCGCCGCCGCCGCCGCCCGCCGCCAGGAGCAGACCCTGCGTGATGCCACCATGGAGGTGCAGCGCG
GGCAGTTCCAGGGGCGGCCGGTCTCCGTGTGGGACGTCCTCTTCTCCTCGTACCTGAGCGAGGCCCGCCG
AGACGAGCTCCTGGCCCAGCACGCGGCCGGCGCCCTGGGCCTGCCCGACCTCGTCGCCGTCCTCACCCGG
GTCATCGAGGAGACGGAGGAGCGGCTCAGCAAGGTGTCCTTCCGCGGCCTGAGGCGCCAGGTGTCCGCCT
CCGAGCTGCACACGTCCGGGATCCTGGGCCCCGAGACCCTGCGGGACCTGGCCCAGGGCACTAAGACGCT
GCAGGAGGTGACGGAGATGGACTCGGTCAAGCGCTACCTGGAGGGCACCAGCTGCATCGCGGGCGTCCTG
GTGCCCGCCAAGGACCAGCCCGGCCGCCAGGAGAAGATGAGCATCTACCAGGCCATGTGGAAGGGCGTGC
TGCGGCCCGGCACGGCCCTGGTGCTGCTGGAGGCGCAGGCGGCCACCGGCTTCGTCATCGACCCCGTGCG
CAACCTGAGGCTGTCGGTGGAGGAGGCCGTGGCCGCGGGCGTGGTGGGCGGCGAGATCCAGGAGAAGCTG
CTGTCGGCCGAGCGCGCCGTCACCGGCTACACCGACCCCTACACCGGGCAGCAGATCTCCCTCTTCCAGG
CCATGCAGAAGGACCTCATCGTCCGGGAGCACGGCATCCGCCTGCTGGAGGCCCAGATCGCCACGGGCGG
CGTCATCGACCCCGTGCACAGCCACCGCGTGCCCGTGGACGTGGCCTACCGGCGCGGCTACTTCGACGAG
GAGATGAACCGCGTCCTGGCCGACCCCAGCGACGACACCAAGGGCTTCTTCGACCCCAACACGCACGAGA
ACCTCACGTACCTGCAGCTTCTGCAGAGGGCCACCCTGGACCCTGAGACGGGGCTCCTATTTCTTTCTCT
CTCTCTACAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC212630 representing NM_031308
Red=Cloning site Green=Tags(s)

MSGHTLPPLPVPGTNSTEQASVPRAMAATLGAGTPPRPQARSIAGVYVEASGQAQSVYAAMEQGLLPAGL
GQALLEAQAATGGLVDLARGQLLPVSKALQQGLVGLELKEKLLAAERATTGYPDPYGGEKLALFQAIGKE
VVDRALGQSWLEVQLATGGLVDPAQGVLVAPEPACHQGLLDRETWHKLSELEPGTGDLRFLNPNTLERLT
YHQLLERCVRAPGSGLALLPLKITFRSMGGAVSAAELLEVGILDEQAVQGLREGRLAAVDVSARAEVRRY

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

LEGTGSVAGVVLLPEGHKKSFFQAATEHLLPMGTALPLLEAQAATHTLVDPITGQRLWVDEAVRAGLVSP
ELHEQLLVAEQAVTGHHDPFSGSQIPLFQAMKKGLVDRPLALRLLDAQLATGGLVCPARRLRLPLEAALR
CGCLDEDTQRQLSQAGSFSDGTHGGLRYEQLLALCVTDPETGLAFLPLSGGPRGGEPQGPPFIKYSTRQA
LSTATATVSVGKFRGRPVSLWELLFSEAISSEQRAMLAQQYQEGTLSVEKLAAELSATLEQAAATARVTF
SGLRDTVTPGELLKAEIIDQDLYERLEHGQATAKDVGSLASAQRYLQGTGCIAGLLLPGSQERLSIYEAR
CKGLLRPGTALILLEAQAATGFIIDPKANKGHSVEEALRAAVIGPDVFAKLLSAERAVTGYTDPYTGQQI
SLFQAMQKGLIVREHGIRLLEAQIATGGVIDPVHSHRVPVDVAYRRGYFDQMLNLILLDPSDDTKGFFDP
NTHENLTYLQLLERCVRDPETGLYLLPLSSTQSPLVDSATQQAFQNLLLSVKYGRFQGQRVSAWELINSE
YFSEGRRRQLLRRYRQREVTLGQVAKLLEAETQRQADIMLPALRSRVTVHQLLEAGIIDQQLLDQVLAGT
ISPEALLLMDGVRRYLCGLGAVGGVRLLPSGQRLSLYQAMRQKLLGPRVALALLEAQAATGTIMDPHSPE
SLSVDEAVRRGVVGPELYGRLKRAEGAIAGFRDPFSGKQVSVFQAMKKGLIPWEQAARLLEAQVATGGII
DPTSHHHLPMPVAIQRGYVDQEMETALSSSSETFPTPDGQGRTSYAQLLEECPRDETSGLHLLPLPESAP
ALPTEEQVQRSLQAVPGAKDGTSLWDLLSSCHFTEEQRRGLLEDVQEGRTTVPQLLASVQRWVQETKLLA
QARVMVPGPRGEVPAVWLLDAGIITQETLEALAQGTQSPAQVAEQPAVKACLWGTGCVAGVLLQPSGAKA
SIAQAVRDGLLPTGLGQRLLEAQVASGFLVDPLNNQRLSVEDAVKVGLVGRELSEQLGQAERAAAGYPDP
YSRASLSLWQAMEKGLVPQNEGLPLLQVQLATGGVVDPVHGVHLPQAAACRLGLLDTQTSQVLTAVDKDN
KFFFDPSARDQVTYQQLRERCVCDSETGLLLLPLPSDTVLEVDDHTAVALRAMKVPVSTGRFKGCSVSLW
DLLLSEYVGADKRRELVALCRSGRAAALRQVVSAVTALVEAAERQPLQATFRGLRKQVSARDLFRAQLIS
RKTLDELSQGTTTVKEVAEMDSVKRSLEGGNFIAGVLIQGTQERMSIPEALRRHILRPGTALVLLEAQAA
TGFIIDPAENRKLTVEEAFKAGMFGKETYVKLLSAERAVTGYTDPYTGQQISLFQAMQKDLIVREHGIRL
LEAQIATGGIIDPVHSHRVPVDVAYRCGYFDEEMNRILADPSDDTKGFFDPNTHENLTYLQLLERCVEDP
ETGLYLLQIIKKGENYVYINEATRHVLQSRTAKMRVGRFADQVVSFWDLLSSPYFTEDRKRELIQEYGAQ
SGGLEKLLEIITTTIEETETQNQGIKVAAIRGEVTAADLFNSRVIDQKTLHTLRVGRTGGQALSTLECVK
PYLEGSDCIAGVTVPSTREVMSLHEASRKELIPAAFATWLLEAQAATGFLLDPCTRQKLSVDEAVDVGLV
NEELRERLLKAERAATGYRDPATGDTIPLFQAMQKQLIEKAEALRLLEVQVATGGVIDPQHHHRLPLETA
YRRGCLHKDIYALISDQKHMRKRFVDPNTQEKVSYRELQERCRPQEDTGWVLFPVNKAARDSEHIDDETR
RALEAEQVEITVGRFRGQKPTLWALLNSEYVTEEKKLQLVRMYRTHTRRALQTVAQLILELIEKQETSNK
HLWFQGIRRQITASELLSSAIITEEMLQDLETGRSTTQELMEDDRVKRYLEGTSCIAGVLVPAKDQPGRQ
EKMSIYQAMWKGVLRPGTALVLLEAQAATGFVIDPVRNLRLSVEEPVPAGVVGSEIQEKLLSAERAVTGY
TDPYTGQQISLFQAMQKDLIVREHGIRLLEAQIATGGVIDPVHSHRVPVDVAYRRGYFDEEMNRVLADPS
DDTKGFFDPNTHENLTYVQLLRRCVPDPDTGLYMLQLAGRGSAVHQLSEELRCALRDARVTPGSGALQGQ
SVSVWELLFYREVSEDRRQDLLSRYRAGTLTVEELGATLTSLLAQAQAQARAEAEAGSPRPDPREALRAA
TMEVKVGRLRGRAVPVWDVLASGYVSRAAREELLAEFGSGTLDLPALTRRLTAIIEEAEEAPGARPQLQD
ARRGPREPGPAGRGDGDSGRSQREGQGEGETQEAAAAAAAARRQEQTLRDATMEVQRGQFQGRPVSVWDV
LFSSYLSEARRDELLAQHAAGALGLPDLVAVLTRVIEETEERLSKVSFRGLRRQVSASELHTSGILGPET
LRDLAQGTKTLQEVTEMDSVKRYLEGTSCIAGVLVPAKDQPGRQEKMSIYQAMWKGVLRPGTALVLLEAQ
AATGFVIDPVRNLRLSVEEAVAAGVVGGEIQEKLLSAERAVTGYTDPYTGQQISLFQAMQKDLIVREHGI
RLLEAQIATGGVIDPVHSHRVPVDVAYRRGYFDEEMNRVLADPSDDTKGFFDPNTHENLTYVQLLRRCVP
DPDTGLYMLQLAGRGSAVHQLSEELRCALRDARVTPGSGALQGQSVSVWELLFYREVSEDRRQDLLSRYR
AGTLTVEELGATLTSLLAQAQAQARAEAEAGSPRPDPREALRAATMEVKVGRLRGRAVPVWDVLASGYVS
GAAREELLAEFGSGTLDLPALTRRLTAIIEEAEEAPGARPQLQDAWRGPREPGPAGRGDGDSGRSQREGQ
GEGETQEAAAAAAAARRQEQTLRDATMEVQRGQFQGRPVSVWDVLFSSYLSEARRDELLAQHAAGALGLP
DLVAVLTRVIEETEERLSKVSFRGLRRQVSASELHTSGILGPETLRDLAQGTKTLQEVTEMDSVKRYLEG
TSCIAGVLVPAKDQPGRQEKMSIYQAMWKGVLRPGTALVLLEAQAATGFVIDPVRNLRLSVEEAVAAGVV
GGEIQEKLLSAERAVTGYTDPYTGQQISLFQAMQKDLIVREHGIRLLEAQIATGGVIDPVHSHRVPVDVA
YRRGYFDEEMNRVLADPSDDTKGFFDPNTHENLTYVQLLRRCVPDPDTGLYMLQLAGRGSAVHQLSEELR
CALRDARVTPGSGALQGQSVSVWELLFYREVSEDRRQDLLSRYRAGTLTVEELGATLTSLLAQAQAQARA
EAEAGSPRPDPREALRAATMEVKVGRLRGRAVPVWDVLASGYVSGAAREELLAEFGSGTLDLPALTRRLT
AIIEEAEEAPGARPQLQDAWRGPREPGPAGRGDGDSGRSQREGQGEGETQEAAAAAAAARRQEQTLRDAT
MEVQRGQFQGRPVSVWDVLFSSYLSEARRDELLAQHAAGALGLPDLVAVLTRVIEETEERLSKVSFRGLR
RQVSASELHTSGILGPETLRDLAQGTKTLQEVTEMDSVKRYLEGTSCIAGVLVPAKDQPGRQEKMSIYQA
MWKGVLRPGTALVLLEAQAATGFVIDPVRNLRLSVEEAVAAGVVGGEIQEKLLSAERAVTGYTDPYTGQQ

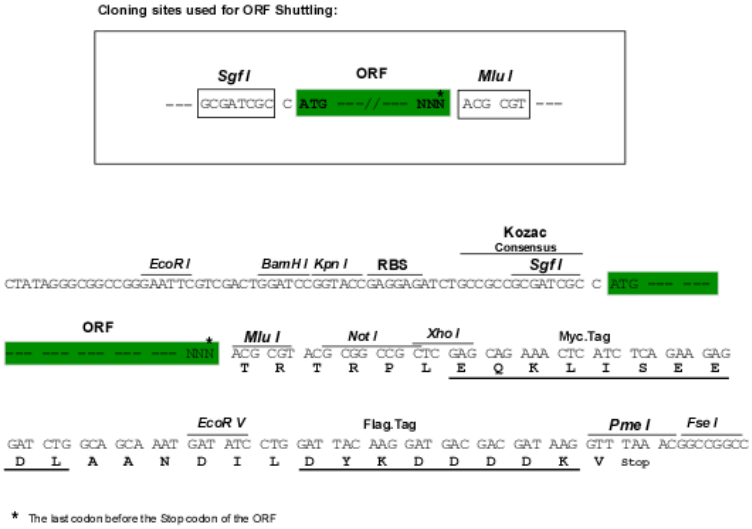
This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

ISLFQAMQKDLIVREHGIRLLEAQIATGGVIDPVHSHRVPVDVAYRRGYFDEEMNRVLADPSDDTKGFFD
PNTHENLTYVQLLRRCVPDPDTGLYMLQLAGRGSAVHQLSEELRCALRDARVTPGSGALQGQSVSVWELL
FYREVSEDRRQDLLSRYRASTLTVEELGATLTSLLAQAQAQARAEAEAGSPRPDPREALRAATMEVKVGR
LRGRAVPVWDVLASGYVSRAAREELLAEFGSGTLDLPALTRRLTAIIEEAEEAPGARPQLQDAWRGPREP
GPAGRGDGDSGRSQREGQGEGETQEAAAATAAARRQEQTLRDATMEVQRGQFQGRPVSVWDVLFSSYLSE
ARRDELLAQHAAGALGLPDLVAVLTRVIEETEERLSKVSFRGLRRQVSASELHTSGILGPETLRDLAQGT
KTLQEVTEMDSVKRYLEGTSCIAGVLVPAKDQPGRQEKMSIYQAMWKGVLRPGTALVLLEAQAATGFVID
PVRNLRLSVEEAVAAGVVGGEIQEKLLSAERAVTGYTDPYTGQQISLFQAMQKDLIVREHGIRLLEAQIA
TGGVIDPVHSHRVPVDVAYRRGYFDEEMNRVLADPSDDTKGFFDPNTHENLTYVQLLRRCVPDPDTGLYM
LQLAGRGSAVHQLSEELRCALRDARVTPGSGALQGQSVSVWELLFYREVSEDRRQDLLSRYRAGTLTVEE
LGATLTSLLAQAQAQARAEAEAGSPRPDPREALRAATMEVKVGRLRGRAVPVWDVLASGYVSGAAREELL
AEFGSGTLDLPALTRRLTAIIEEAEEAPGARPQLQDAWRGPREPGPAGRGDGDSGRSQREGQGEGETQEA
AAAAAAARRQEQTLRDATMEVQRGQFQGRPVSVWDVLFSSYLSEARRDELLAQHAAGALGLPDLVAVLTR
VIEETEERLSKVSFRGLRRQVSASELHTSGILGPETLRDLAQGTKTLQEVTEMDSVKRYLEGTSCIAGVL
VPAKDQPGRQEKMSIYQAMWKGVLRPGTALVLLEAQAATGFVIDPVRNLRLSVEEAVAAGVVGGEIQEKL
LSAERAVTGYTDPYTGQQISLFQAMQKDLIVREHGIRLLEAQIATGGVIDPVHSHRVPVDVAYRRGYFDE
EMNRVLADPSDDTKGFFDPNTHENLTYLQLLQRATLDPETGLLFLSLSLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_031308

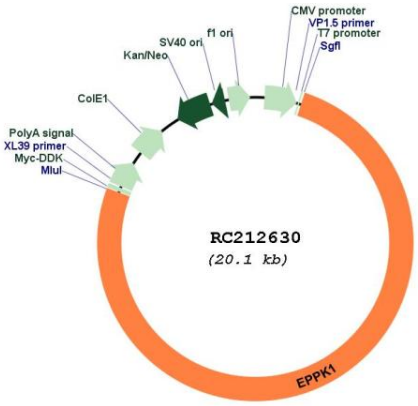
ORF Size: 15270 bp

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_031308.1, NP_112598.2
RefSeq Size:	15534 bp
RefSeq ORF:	15267 bp
Locus ID:	83481
UniProt ID:	P58107
Cytogenetics:	8q24.3
Protein Families:	Stem cell - Pluripotency
MW:	555.4 kDa
Gene Summary:	The protein encoded by this gene belongs to the plakin family of proteins, which play a role in the organization of cytoskeletal architecture. This family member is composed of several highly homologous plakin repeats. It may function to maintain the integrity of keratin intermediate filament networks in epithelial cells. Studies of the orthologous mouse protein suggest that it accelerates keratinocyte migration during wound healing. [provided by RefSeq, Oct 2013]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Product images:



Circular map for RC212630

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US