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Product datasheet for SC113659

RNPEPL1 (NM_018226) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RNPEPL1 (NM_018226) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNPEPL1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

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Fully Sequenced ORF:

>NCBI ORF sequence for NM_018226, the custom clone sequence may differ by one or more nucleotides

ATGGCCGCGCAGTGCTGCTGCCGCCAGGCGCCCGGCGCCGAGGCCGCGCCCGTCCGCCCGCCGCCCGAGC
CGCCGCCCGCCCTGGACGTGGCCTCGGCCTCCAGCGCGCAGCTCTTCCGCCTCCGCCACCTGCAGCTGGG
CCTGGAGCTGCGGCCCGAGGCGCGCGAGTTGGCCGGCTGCCTGGTGCTCGAGCTGTGCGCGCTGCGGCCC
GCGCCCCGCGCGCTCGTGCTCGACGCGCACCCGGCTCTGCGCCTGCACTCAGCCGCCTTCCGTCGCGCCC
CCGCCGCCGCCGCCGAGACGCCCTGCGCCTTCGCCTTCTCCGCCCCCGGGCCGGGGCCCGCGCCGCCGCC
CCCGCTGCCCGCCTTCCCCGAGGCGCCCGGCTCCGAGCCCGCCTGCTGTCCGCTGGCCTTCAGGGTGGAC
CCGTTCACCGACTACGGCTCCTCGCTCACCGTCACGCTGCCGCCCGAGCTGCAGGCGCACCAGCCCTTCC
AGGTCATCCTGCGGTACACCTCGACCGACGCCCCCGCCATCTGGTGGCTGGACCCAGAGCTGACCTATGG
CTGCGCCAAGCCCTTCGTCTTCACCCAGGGCCACTCCGTGTGCAACCGCTCCTTCTTCCCGTGCTTCGAC
ACACCTGCCGTGAAGTGCACCTACTCTGCCGTCGTCAAGGCGCCATCGGGGGTGCAGGTGCTGATGAGTG
CCACCCGGAGTGCATACATGGAGGAAGAAGGCGTCTTCCACTTCCACATGGAGCACCCCGTGCCCGCCTA
CCTCGTGGCCCTGGTGGCCGGAGACCTCAAGCCGGCAGACATCGGGCCCAGGAGCCGCGTGTGGGCCGAG
CCATGCCTCCTGCCCACGGCCACCAGCAAGCTGTCGGGCGCAGTGGAGCAGTGGCTGAGTGCAGCTGAGC
GGCTGTATGGGCCCTACATGTGGGGCAGGTACGACATTGTCTTCCTGCCACCCTCCTTCCCCATCGTGGC
CATGGAGAACCCCTGCCTCACCTTCATCATCTCCTCCATCCTGGAGAGCGATGAGTTCCTGGTCATCGAT
GTCATCCACGAGGTGGCCCACAGTTGGTTCGGCAACGCTGTCACCAACGCCACGTGGGAAGAGATGTGGC
TGAGCGAGGGCCTGGCCACCTATGCCCAGCGCCGTATCACCACCGAGACCTACGGTGCTGCCTTCACCTG
CCTGGAGACTGCCTTCCGCCTGGACGCCCTGCACCGGCAGATGAAGCTTCTGGGAGAGGACAGCCCGGTC
AGCAAACTGCAGGTCAAGCTGGAGCCAGGAGTGAATCCCAGCCACCTGATGAACCTGTTCACCTACGAGA
AGGGCTACTGCTTCGTGTACTACCTGTCCCAGCTCTGCGGAGACCCACAGCGCTTTGATGACTTTCTCCG
AGCCTATGTGGAGAAGTACAAGTTCACCAGCGTGGTGGCCCAGGACCTGCTGGACTCCTTCCTGAGCTTC
TTCCCGGAGCTGAAGGAGCAGAGCGTGGACTGCCGGGCAGGGCTGGAATTCGAGCGCTGGCTCAATGCCA
CAGGCCCGCCGCTGGCTGAGCCGGACCTGTCTCAGGGATCCAGCCTGACCCGGCCCGTGGAGGCCCTTTT
CCAGCTGTGGACCGCAGAACCTCTGGACCAGGCAGCTGCCTCGGCCAGCGCCATTGACATCTCCAAGTGG
AGGACCTTCCAGACAGCACTCTTCCTGGACCGGCTCCTGGATGGGTCCCCGCTGCCGCAGGAGGTGGTGA
TGAGCCTGTCCAAGTGCTACTCCTCCCTGCTGGACTCGATGAACGCTGAGATCCGCATCCGCTGGCTGCA
GATTGTGGTCCGCAACGACTACTATCCTGACCTCCACAGGGTGCGGCGCTTCCTGGAGAGCCAGATGTCA
CGCATGTACACCATCCCGCTGTACGAGGACCTCTGCACCGGTGCCCTCAAGTCCTTCGCGCTGGAGGTCT
TCTACCAGACGCAGGGCCGGCTGCACCCCAACCTGCGCAGAGCCATCCAGCAGATCCTGTCCCAGGGCCT
GGGCTCCAGCACAGAGCCCGCCTCAGAGCCCAGCACGGAGCTGGGCAAGGCTGAAGCAGACACAGACTCG
GACGCACAGGCCCTGCTGCTTGGGGACGAGGCCCCCAGCAGTGCCATCTCTCTCAGGGACGTCAATGTGT
CTGCCTAG

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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018226 unedited
AATTTGATACATACTTAGGCGGCCGCGAATCGCCGAGCACGCTGTCACCAACGCCACGTG
GGAAGAGAGTGGCTGAGCGAGGGCCTGGCCACCTATGCCCAGCGCCGTATCACCACCGAG
ACCTACGGTGCTGCCTTCACCTGCCTGGAGACTGCCTTCCGCCTGGACGCCCTGCACCGG
CAGATGAAGCTTCTGGGAGAGGACAGCCCGGTCAGCAAACTGCAGGTCAAGCTGGAGCCA
GGAGTGAATCCCAGCCACCTGATGAACCTGTTCACCTACGAGAAGGGCTACTGCTTCGTG
TACTACCTGTCCCAGCTCTGCGGAGACCCACAGCGCTTTGATGACTTTCTCCGAGCCTAT
GTGGAGAAGTACAAGTTCACCAGCGTGGTGGCCCAGGACCTGCTGGACTCCTTCCTGAGC
TTCTTCCCGGAGCTGAAGGAGCAGAGCGTGGACTGCCGGGCAGGGCTGGAATTCGAGCGC
TGGCTCAATGCCACAGGCCCGCCGCTGGCTGAGCCGGACCTGTCTCAGGGATCCAGCCTG
ACCCGGCCCGTGGAGGCCCTTTTCCAGCTGTGGACCGCAGAACCTCTGGACCAGGCAGCT
GCCTCGGCCAGCGCCATTGACATCTCCAAGTGGAGGACCTTCCAGACAGCACTCTTCCTG
GACCGGCTCCTGGATGGGTCCCCGCTGCCGCANGAGGTGGTGATGAGCCTGTCCAAGTGC
TACTCCTCCCTGCTGGACTCGATGAACGCTGAGATCCGCATCCGCTGGCTGCAGATTGNT
GGTCCGNCACGACTACNTATCCTGACCTCACAGGTGCNGCGCTTCCTGGAAGCCAGATGT
CACGCATGTACACATCCCGCTGTACGAGGACCTCTGCACGGTGCCCCNTCAGTCTTCGCG
CTGGNAGTTCTCTACAGACGCAGGGGCGGNTGCACCCCACCTGCGCANAGCTNNCAGCAG
ACC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018226 unedited
GAGATTTATGGGGACCTGCACCGTGATACCCCATCACAGCAGTCCCAGCTGGAGGCCCCA
GGCTCTGGCCGCCTCTCCCACATGGTGGGCCTGGAGAGAGCACCAGCACCACCTCCCACT
TTCCCTGGGGTATTGCTTTGCCCCTGTGCCTCCCACCCCAGGAAGCTACAAGAGACAGGC
TGTCCTGTCCCCACACTCTCCCTGGGTCCTGGGACTCCCTGTTCTGAGGGGCTAAGGTTG
CCTGGGGCCAGAGGGCCCTCCCCAGGGACAACCATCCTCTCCCTGTGTCCCCTGCCCCCC
ACACTGAGGGAATGTCTGTGTCCTTGTTCCTCTGCCAGGGGCCAACTGAGGCTGCCAACC
CTAGGGGCGGGGTGCAGGGCTGTGCGGGGAGGGTGGCTCAGATCCCTGCAAGGAGGCGTG
CTGCAGGGACAGCACAGCCTGGGCCCCCGGCAGACATTAAGGCACAGTGTGGCGGTCACC
ATAGGGCTGCTGGGGCCCTTGCCCCGGGGCGGCACCTGGCAGGTGCTGGCATCCGGGGCT
AGGCACAGCTGTCAGTGTTGAGACAGGAGGCATGGTGTGTGCGGGCTGGCCCCAGGGCCT
GCAGTGCAAGAGAGCTGGGAGTGGGGAGGCCAGGTCCACAGGTCTCTGCCAGACACAAGG
AGGTCCCTCTCCCCATTCTCCCTGCCTGGGAGAGCCCCAGGGAGGGCTTGTGGGCCTGNG
CAGAGCTCATGGCCAGAGCCGAGACGCAGTCATGGCAGGCCTGGCCCACAGAAGGCACAA
TTGTGGTGTCTGGGGAGTCGAGGGTCANCCCCGNCACAGGTCTAGGCAGACACATTGACG
TCCCTGAGAGAGAGGCACTGCTGGGGGCCTCGTTCCCAGCAGCAGGCCTGTGCGTTCGAG
TCTGTGTCTGCTTCACCCTGTCCACCTCCTGCTGGGCTCTGAGGGCGGCTCTGGCTGGAG
CCAGCCCTGGCAAGGATCTGCTGNATGCCTCTGGCAGCTGGGGTGCACCCGCN

Restriction Sites: NotI-NotI

ACCN: NM_018226

Insert Size: 2130 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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).

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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_018226.1, NP_060696.1
RefSeq Size:	3048 bp
RefSeq ORF:	3048 bp
Locus ID:	57140
UniProt ID:	Q9HAU8
Cytogenetics:	2q37.3
Domains:	Peptidase_M1
Protein Families:	Druggable Genome
Gene Summary:	Broad specificity aminopeptidase which preferentially hydrolyzes an N-terminal methionine, citrulline or glutamine.[UniProtKB/Swiss-Prot Function]

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