

Product datasheet for **RC238211**

FAM222B (NM_001288636) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM222B (NM_001288636) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FAM222B
Synonyms: C17orf63
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC238211 representing NM_001288636
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAACCCCCAGTGGCACCCCTATGCTACTGTGGCACCCAGCACTTTAGCCCACCCCAGGCCAGGCTC
 TGGCCCGCAGCAGGCCCTGCAGCATGCACAGACCCTGGCCCATGCCCTCCCCAGACGCTGCAGCACCC
 TCAGGGTATCCCGCCACCCAGGCACTGTCCACCCTCAGAGCCTCCAGCAGCCTCAGGGCTGGGCCAC
 CCTCAGCCCATGGCCAAACCCAGGGCTTGGTCCACCCTCAGGCCCTGGCTCACCAGGGTCTCCAGCACC
 CCCACAATCCCTTGTGTCATGGAGGCCGGAAGATGCCAGACTCAGATGCCCCCCGAATGTGACCGTGTG
 TACCTCAACTATCCCCCTTTCAATGGCGGCCACTCTGCAGCACAGCCAGCCTCCGGACCTGAGTAGCATC
 GTGCACCAGATCAACCAGTTTTGCCAGACGAGGGCAGGCATCAGCACTACCTCAGTGTGTGAGGGCCAGA
 TCGCCAACCCAGCCCCATTAGTCGCAGTCTGCTCATCAATGCAAGCACCCGGGTGTCGACCCACAGCGT
 CCCCACACCAATGCCTTCATGTGTGGTCAATCCCATGGAGCACACCCACGCGGCCACCGCCGTTGCCCT
 GCTGCAGGTCTGTCAACCTGCCACAGGCATCTCTCGGTCCCCACTGGCTACCCTAGCGACCTCAAGC
 CAGTCACCTGGAACAGCACCAGCTGGCCACCTACAGCAGATGTGCAGCAGGCTAGTGGGACGCCAGC
 CCCTGGCCTGACAGGCAAGCATGCGGCAGGACGCGAGTTGGCAGGCCTGGCTTTGTGGCAAGGCCCT
 GCCTACCCGACAGAACTCTGCCTGGCGCAGTCTTCCATCTGAAGCCACCCTGGAAAAGCCGACCCCAT
 CCCCACAGTCAACGGCATGGCAGCCCCATTGGCCTACCCCAATGGTCACTACTTCCAACCCCTGTGGAA
 CAACATTCTGCCACTCCAATAGCGACAGCTCGGGTCTCAGGACCTTGCCATGCCGTTCCACGGTGGG
 CAGCCACAGGTGCACCCCTCGACTGTGCGGCAGCTCCCGGGGCCACTACCGAGCAGGGACCGGGGGCG
 GTCCAGTGGCAAGCCAGAACAGCTTGATGCAAACAGTGGATTACCTAAGTGGGGATTTCCAACAGGCCTG
 CTTCCGAGAACAGAGCCTGGCCATGCTGAGCAAGGCCACCGAGCCCTGGCAACCGAGCCCCGATCCC
 ACAGAGAGTCAAGTCTTCATATTCAGCACCCAGGGTATAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RC238211 representing NM_001288636
 Red=Cloning site Green=Tags(s)

MNPPVAPYATVAPSTLAHPQAQALARQQALQHAQTLAHAPPQTLQHPQGIPPPQALSHPQSLQPPQGLGH
 PQPMAQTQGLVHPQALAHQGLQHPHNPLLHGGRKMPDSDAPPNVTVSTSTIPLSMAATLQHSQPPDLSSI
 VHQINQFCQTRAGISTTSVCEGQIANPSPISRLLINASTRVSTHVSPTPMPSCVVNPMETHAATAALP
 AAGPVNLP TGISRVPTGYPSDLKPVTVNQHQLAHLQMCSEASGTPAPGLTGKHAAGRELAPGFVVKAP
 AYPQELCLAQSFHLKPPLEKPTSPPPVNGMAAPLAYPNGHYFQPLWNNILPTPNSDSSGSQDLAMPFHGG
 QPTGAPLDCAAAPGAHYRAGTGGGPVASQNSLMQTVDYLSGDFQQACFREQLAMLKAHRAPGNRAPDP
 TESRSLHIQHPGYR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

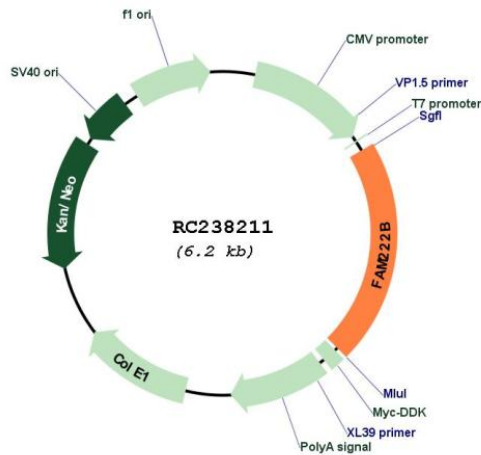
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001288636

ORF Size:	1302 bp
OTI Disclaimer:	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:	<ol style="list-style-type: none">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_001288636.2
RefSeq Size:	4251 bp
RefSeq ORF:	1305 bp
Locus ID:	55731
UniProt ID:	Q8WU58
Cytogenetics:	17q11.2
MW:	46 kDa