

Product datasheet for **RN209827**

Fam222b (NM_001109038) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam222b (NM_001109038) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam222b
Synonyms:	RGD1566149
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209827 representing NM_001109038
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTAGCCTGTCTACCAGGGCCAGGTGACCTGTCCTTTCAGCTTCTTTCTCACACGCAGATGAACGCTG
 GACTTCAGAAATGGGACACTACACAGAAAATGAGAACTGCTCACTATCCCACCCAGCCGAATTGGACGC
 GTATGCTAAGAAGGTCGCAAAACAACCCACTGACTATAAAAAATCTTCCCAACAGTGTGAAGGTTCCCCAG
 CGGAAACACGTTCTGTCGTAAGTGTGAACGGCCTCGACACATCAGCCCAGCGCTACAGCCCCACCCGACTC
 AGGCTGCCACCAAGGCAGGCCTGCTTGCATTGTCAAAGTGCCAGCCAAAAGCATACTCAAGGACTTTGA
 CGGCACCCGAGCTCGGGTACTCCCTGAGGCCATCATGAACCCCCAGTGGCACCCCTATGCTACTGTGGCA
 CCCAGCACTTTAGCCACCCACAGGCCAGGCTCTGGCCCGCCAGCAGGCCCTGCAGCATGCACAGACCC
 TGGCCCATGCCCTCCCAGACACTGCAACACCCTCAGGGTATACCACCACACAGGCCTGTCTACCC
 TCAGAGCTCCAGCAGCCTCAGGGCCTGGGCCACCCTCAGCCGATGGCCCAAACCCAGGGCTTAGTCCAC
 CCTCAGGCCCTGACTCACCAGGGTCTCCAGCACCCCTAATCCTTTGCTGCATGGAGGCCGGAAGATGC
 CAGACTCAGATGCACCCCGAATGTGACCGTGTCTACCTCAACTATCCCCCTTCAATGGCGGCCACCCT
 GCAGCAGACCCAGCCCCGGACCTGAGCAGCATCGTGCACCAGATCAACCAAGTTTGGCAGACGAGGGCA
 GGCATCAGCACTACCTCAGTGTGTGAGGGCCAGATCGCCAATCCCAGCCCTATTAGTCGAGTCTGCTCA
 TCAATGCAAGCACCCGGGTGTCGACCCACAGTGTCCCCACACCAATGCCTTCATGTGTGGTCAATCCCAT
 GGAGCACACCCATGCGGCCACAGCCGCTCTGCCTGCTGCAGGTCTGTCAACCTGCCACAGGCATCTCT
 CGAGCCCCACTGGCTACCCTAGCGACCTCAAGCCAGTTACCTGGAACCAGCACCAGCTGGCCACCTAC
 AACAGATGTGCAGCGAGGCCGGAGGGACACCAGCCCTGGCCTGACAGGCAAACATACAGCAGGACGTGA
 GTTGGCAGGGCCTGGTTTTGTGGGAAGGCCCTGCCTACCCGAGGAACCTGCCTGGCACAGTCTTTC
 CATCTGAAGCCACCCTGGAGAAGCCAAACCCATCCCCACCAGTCAACGGCCTACCAGCCCCACTGGCCT
 ACCCAATGGTCACTACTTCCAACCCCTGTGGAACAACATTCTACCAACTCCCAATAGCGACAGCTCGGG
 GTCTCAGGACCTCGCATGCCGTTCCATGGTGGCAGCCACAGGTGCACCCCTCGACTGTGGGGCAGCT
 CCTGGGGCCCACTACCGAGCAGGGACTGGGGTGGTCCAGTGGCAAGCCAGAACAGCCTGATGCAGACGG
 TGGATTACCTGAGTGGGATTTCCAGCAGGCCTGCTTCCGAGAACAGAGCCTGGCCATGCTGAGCAAGGC
 CCACCGAGCTCCTGGTGCCCGAGCCCCGAGGCCACAGATAGTCGAAGTCTTCATATTACGACCCAGGG
 TACAGATAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001109038

Insert Size: 1689 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).

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_001109038.1](#), [NP_001102508.1](#)

RefSeq Size: 4062 bp

RefSeq ORF: 1689 bp

Locus ID: 497960

Cytogenetics: 10q25