

## Product datasheet for **RN211092**

### Fam222a (NM\_001109067) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fam222a (NM_001109067) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam222a
Synonyms:	RGD1565883
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN211092 representing NM\_001109067  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTGGCCTGTCTGCAGAGGACGAGAACCACCCGGCCAGCACCTGACCTGTCCAAGCAAGAGCTGG  
 AGCTGCGCAAGTGCGAGTCAGTGGCCAGCTCTATGCCTTCCTCCCGCTACCCAAGCCCAGCCGAGCTGGA  
 CGCGTATGCCGAGAAGGTGGCCAACAGCCCCCTGTCCATCAAGATCTTCCCCACCAACATCCGAGTGCCG  
 CAGCACAAGCACTTGAGCCGCACAGTCAACGGCTATGACACCAGCGGCCAGCGTTATAACCCCTACCCTC  
 AGCACACCACTGGCTACCAGGGCCTGTGGCCATCGTCAAGGCTGCGGTCTCCTCGACTGCCGCCAGCC  
 TGCCGGGCACACCAAGAGCGTGTCAAGAGCGTGGAGGGCAAGCGGACCAAACTGTCACCGGCCACTGTG  
 CAGGTGGGCATTGCACCCTACCCAGTGCCTAGCACCTGGGGCCTTGGCCTACCCGAAGCCACCCGAGG  
 CACCTGCACCACCGCCTAACCTGCCTGCGGCAGCCACTGCCACCTCTGTGATCCCTCTGCCGGGCCGGG  
 CCTGCCCTGCCCCCTCAAACCTACCCTCCATCCATAGCATCCTATACCAGCTCAACCAGCAGTGCCAG  
 GCCCAGGTGTCGCACCAAGCGCTGTCAGGGCGTGGCCGTGCCCCACCCAGTCCAGCCAAGCACGGCC  
 CGGTGCCTAGTTTTCTAGAGTGGCTTACTCGGCCACAGCCGGTCTGCCAGACTGCCGGAAGGGCACAGA  
 ACTGAGCCAAGGAGCCACACCAGCCCTGACACTGGCTGGGGCCACCAAACCTGCAGGGTACTCGGAAGGC  
 GGCCTGGATTACCTGCTGTGGCCACAGAAGCCACCCCCGCCCCACCCAGCCGCTGCGGGCCTACGGTA  
 GCAGCAGCACCGTCGCCAGCAAGTCCCCAGAGACTTGCAGCGGGAGGGCATTGAGAGGGCCAACGGGTC  
 GCCCACAACTGTGGCATGGGGCTGCCGGCGGCTTACCCTGGGCCAGTACTTCGCCGGCCCTTGGAAAC  
 AGTGTCTGGTGACGCCTACTAGTGACTGTTACAATGCAGCCGCTGCCGCCGTAGTGACAGAGCTGGGGC  
 CAGGAGCTGCCGGGAGCTAGCCGGCCTCCTGTTGACACGCTCTCAGGCCTGACCAGCAAGAGCGTGTG  
 TAACACAGCGGTACTGAGCAGCAGTCTCCAGTCGCTGGAGTATCTCATCAACGACATCCGGCCACCTGC  
 ATCAAGGAACAGATGCTAGGCAAGGGCTACGAGACGGTGGCCGTGCCAGGCTGCTGGACCACCAGCACG  
 CCCACATCCGCCTACCTGTCTACAG**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-RsrII

**ACCN:** NM\_001109067

**Insert Size:** 1359 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\_001109067.1, NP\_001102537.1  
RefSeq Size: 1807 bp  
RefSeq ORF: 1359 bp  
Locus ID: 498193  
Cytogenetics: 12q16