

Product datasheet for **MC215914**

Fam222a (NM_001004180) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam222a (NM_001004180) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam222a
Synonyms:	Fam222a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215914 representing NM_001004180
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCCTGTCTGCAGAGGACTCAGAACCACAGGCCAACACCTGGCCTGTCCAAGCAAGACCTGG
 ATCTGCGCAAGTGTGAGTCAGTGGCCAGCTCTATGCATTCTCGCGCTACCCTAGCCAGCGGAGCTGGA
 TGCTACGCGGAGAAGGTAGCCAACAGTCCCCTGTCCATCAAGATCTTCCCCACCAACATCCGAGTGCCG
 CAGCACAAGCACCTGAGCCGCACGGTCAATGGCTACGACACCAGCGGCCAGCGTTACAGCCCTACCCTC
 AGCACACCGCCGGCTACCAGGCCCTTCTGGCCATCGTCAAGGCCGCCGTCTCTCGAGTGCTCATGCGCC
 CGCCGGCCACCCAAAAGCGTGTCAAGAGTGTGGAGGGCAAGCGGACTAAACTGTCGCCGGCCACCGTG
 CAGGTGGCATTGCGCCTTACCCAGTCCCAGCACCCCTGGGGCCCTTGGCCTACCCGAAGCCACCCGAGG
 CACCTGCACCACCGCCAGCCTGCCTGCAGCAGCCACTGCCACCTCTGTGATCCCTCTGCCCGCCGGGG
 CCTTCCCCTCCCCCTCCAACCTACCCTCTATCCATAGCATCCTGTACCAGCTCAACCAGCAATGCCAG
 GCCCGGGTGTGCACCAAGCGCCTGTCAGGGCGTGGCTGTGCCACCCAGTCCAGCTAAGCATGGCC
 CAGTCCCCAGCTTCCCAACCTGGCTTACTCGGCCACAGCCGGTCTGCCAGACTGCCGAAGGGCACAGA
 ACTGAGCCAGGGAGCCACCCAGCCCTGACACTGGCTGGGGCCACCAAACCTGCAGGGTATGCAGAAGGT
 GGCTGGATTACCTGCTGTGGCCACAGAAGCCACCCCAACCCCAACCCGCTGCGGGCCTACAGTA
 GCAGCACCGTAGCCGGCAAGTCCCAGTCCCAGAGATTTGTGGCGGGAGGGCCTTCGAAAGGGCCAAACGG
 GTCGCCCCACAACCTGCGGAATGGGGTGGCCGAGCTTACCCGTGGGCCAGTACTTCGCTGCCCTTGG
 AACAGTGTCTGGTGACACCTACCAGTGACTGCTACAATCCAGCAGCTGCTGCCGTAGTGACAGAGCTGG
 CACCAGGAGCCCGGGGAGCTAGCCGGCCCTCTGGAGACGTAATCTCGGGCCTGACCAGCAAGAGTGT
 GTGTAACACAGCGGTGCTGAGCAGCAGCCTCCAGTCGCTGGAGTATCTCATCAACGACATCCGGCCACCC
 TGATCAAGAACAGATGCTGGGTAAGGGTTACGAGACGGTGGCCGTGCCCGGGTGTGGACCACCAGC
 ACGCCACATCCGCCTACCTGTCTACAGATAA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001004180
- Insert Size:** 1362 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_001004180.1](#), [NP_001004180.1](#)
RefSeq Size: 2717 bp
RefSeq ORF: 1362 bp
Locus ID: 433940
UniProt ID: [Q6PGH4](#)
Cytogenetics: 5 F