

Product datasheet for **MC219591**

Fam189a2 (NM_001114174) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam189a2 (NM_001114174) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam189a2
Synonyms:	AI414343; AI666772; Gm967
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219591 representing NM_001114174
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGGC**

ATGTCTCTGCCGGTGGTCTCCCGGGCTCTGCTGCCCGGTGGCGGGGCTGTGGGCGGACCTCAGGCCG
 GGGGTCTGGCGCCGCCACCGCCGCCCGCTCAGGAGCCGCCGCTGCCCGCGTGGCGCCGCGCTGGCC
 CCGGGGTGCTCTGCAGCCTCCAGCCCGGCCCGCTGCGCCCCGCGCCGTGCTGGCCCCGCCCGCGCG
 CTCGCGTCCCGCCGCCCGCGCGCCAGGCTCCGCGCTGCTGCCCGCGCCCGCTGCTGTCTGCTGGGC
 TCCTGCAGCTGATCTGGGCTGCTGCATGGTGGCGCTCAGCTTCGGGGCGCTGTCTGCTGAGCAGCTCGCC
 GCAGGTGAAGAACTCGTCCCATCTGGGCTGGCTCTCGGTGATACTCTCTGGAATCATTGGATTGACG
 ACTTGAAAAGGCCCATGATACTGCTGGTGAATCTCTTTGTGCTGCTCTGTGGTTTGCATCCTCTAA
 ATCTCGCAGGCTTCATCCTAGGCTGTCAAGGAGCCAGTTTGTGTCCAGCGTGCCAGGTGTGATCTGGT
 GGACTTAGGTGAAGGCAAGATCTGCTTCTGTTGTGAAGAATTTCAACCAGCCAAATGCACAGACAAAGAA
 AATGCCTTGAACTCTTCCCGGTCCAGCCTTGTAGTGCTGTGCACCTTCTGCTTAAGAAAGTCTGTGTTG
 CCCTGTGTGCTTGAACGCCCTTGACCACCACAGTGTGTTGGTGGCTGCTGCCCTGCGCTACCTCCAGAT
 CTTTGCCAGCAGAAGGCCATGTATTGATGAATCCAGATGTCTGCAGAGGACGTGGAAGAACACGGTCGG
 ATTCCAGACCCAGATGACTTTGTGCCACAGTGCTCTCTCTTACTTTGCCACATTTTACTCTGCA
 CACCTCGGATGAACCGCAGGATGGTTGGTTCTGATGTCATCCACTGCCCATATCTATGGAGCACGCAT
 CAAGGGTGTGGAAGTGTCTGTCTCTGGACCCCCACCTCCATACGAAGCTGTAGTGAGCCAGACTGAC
 CAGGAGCAGGAGTCTTCATTCAAATGCCAGAAGGACCAGAACTGCTGCGAGCCAGCAGAGCCAGTTT
 GCACGCAGATAACTCAAGGTGGGCTCTTACTAACACGACTGGTGAAGAAAACACATCTGGATCAACTCC
 TATTCTACTCTGGTTACGCTCCGAGAAGCCGAGAGCTCTCCCCCTTCTGAGGACAAGATCAAAGAGC
 GACCCTGTGCTTACCATTTCGAGGAGAGAGCTACCCCGGTGCTCAGCTGCGAAGCTGCAACGCAGACAG
 AAAGGAGGCTAGATCTCGCTACAGTGACTCTGAGGAGAGGCGGAGGCCACGGGCATCAAGATGCAGACC
 CCGCTCTCTGATAGATTACAGGTCATACATAGACACGAAGCTGCTAGTGCCAGGTTCTTGAGCAGTCC
 TCCTGCAGCATGACTCCGGACATTCATGAACCTGTAGAGAACATAAAGTCTGTTCTGAAATCCGATGAGG
 GGCACATGGAAGAAGCCATCACGAGTGCCAGTTTCTAGAGCAGATAATGGCCCCGTACAGCCAGCAC
 ATCCCAGGCCAGGAGTTGAGCTGGAGGAGACAGCCCGGCTGCTGCACCTGCGCAGCTGTGGAGATCTA
 AGCACCTTCTCTGACAGCAAGGCCGAGAGCCGAGAGGAGGCCCCAGCAGCGAGCGAGGCTGAGCGGC
 CACACAGCCTTATTGGTGTCTTCGAGAGACTGTCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001114174

Insert Size: 1791 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001114174.1, NP_001107646.1

RefSeq Size: 2565 bp

RefSeq ORF: 1791 bp

Locus ID: 381217

UniProt ID: Q4FZH1

Cytogenetics: 19 B