

Product datasheet for **MC219845**

Fam227a (NM_029407) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam227a (NM_029407) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam227a
Synonyms:	4933432B09Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219845 representing NM_029407
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGACATTATCAACGTCAATGCCTTACCAATAATTCCATTGGACGAGCGCTGGTGGTCTCCGCCAACG
 TTCGGACAGTGCTGGAGGATGCCTTGAGAAAGCGGATGCAGGGGAGTCCACCCATCTGTCTCAGCATG
 CATCATTTGGCTCCATGAGCCAGGTGAATCAGAGGATTATGGAAGTAGAACTGGGCTCCAGCCTGATGATC
 AGCACCTTGGCAATTGAAGACTATGAGTTGGAGAAGAAGTCTTTAAGAGAGAAAACACGGCAGCCAG
 GAGACAAAGTCAAGAAACAGAAGGAAGGCCACCGATATCTTGCCAAGGCTCAGAGCTCCGGAATGCCAG
 AGTGCTTCCACAAAAAGGAAAACAGCAGATAAGAATCTGCTCGCAGAGCTGCACGAACACCCCCGTTT
 GATGAAATGAAGCCCAATAAACTGCCCAATGGTGTGGACTTCTGTGACATGGTGGCAATGTGATCCGGT
 CTGAGAAAAATCCCCTGAGCGGCAAGTCTTACTGTTTCTGACAGGGAAGTCTGAGAGTTTCTGTGCTCGCC
 TTTTCTCGCCGCATGTGGCTGGACAGCTTTTGGTGGCTATTTTCATGAGAGGTACCGCCAGACAAGGAG
 ATCCAGAAAAAGCTGTTTCGACCGAATAGCCCGAAATTACGCCCTCCTGTTGTTCAAAATGTGTGGTCCC
 ATTATGAAGAGGCACTCTTAAAGAGGCTCTCGTCACTTCTGAGCAAGCCATGTACACCACTTCTGCTG
 CTGCTTCCCCAGTCTGCTTCAACACCCACGAATTCAAGTCAGAGATCTGTAACACCATGAACCTGTGG
 GTTTCAGGGATGTATCCTTGCTACAGAGCTATAACAATTGGGACTACTCAGAACTGGATCCAGAGAGGT
 TCCGGCAAGAAGAATTAATGTTACAGAGCAGTCGACTTCTGAAGGCAAGAGAGTTCAACCTTCTCACTTG
 TAAGAAATCCTCCATTGAGCAGATAGAACAGAAGCACAGCAAGTCCATAACCTTGTGGGTCTCTGAAG
 GCTTCTCATTCAAAGTAATGAAGGAAAAAGAACTTTCAAATAAGACTACAGAGGAAAGCTATAGGTGCC
 GCGGCATGAAAGATCAAAATATACCTACCCTGCTCTCCAGGAAAGCCACAAAGCAAGTTAAGCAGATATC
 ACACGTGAGAGCATGCATGGATACGTTTGTAAAAACGTCCACCCCTGCCTGCAAAAGCCAGAGCTGACT
 TCAAAACAGTTCAACCTTTATGGAAGGAGCCCGCTCATGAGCTACTTCTCCTCAACTACTCCAGTTGC
 AGCTGACTGGTCAGGACCTGCTGGTCAGCAGGAGAGAAAAGACGGAATCATCCCTGACTCTGCCATGAC
 CTACGCTGACATCATCCAGTTGGTCACAAAGAACATGGAGATTGAAAGAAAAAGCTCCGGCAGCTGGAC
 CAGATGCACGAGAACGAGTGGAACTGTTTAAACAATTACCTAACGGAGCTGCAAGAAAACCTTGAGAGGG
 AGTTGGAATCATCAATAAGAAAGAACGAGAGAGAGAAAGGACAAGAACAGGGTCGTCTCCTCCACGTC
 GCTGTTTGAATCGTCTGGCAAGAAATCCAAGGGAACAAGCAAGAGAACTGCCTTTCTTCAAGGAAG
 AAAAAGAGGAGGTAGAAGAGAGACCAAAAGGTTTCTATTCTCCTTTCTATTTCAAAACCTATGGATG
 TGGATAACAATTCCTGGGCCTAAAAAGCCCTACAGAATCAAGTCTCCTTCCAGTGAGGGCAGCAGCAG
 TATCTCCACAATCAAGCAGGACATGCTCTTCCAGCTCTCACCTCCTCCATGGA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_029407

Insert Size: 1878 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_029407.1, NP_083683.1

RefSeq Size: 5187 bp

RefSeq ORF: 1878 bp

Locus ID: 75729

Cytogenetics: 15 E1