

Product datasheet for **MC228282**

Fam234a (NM_001206335) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam234a (NM_001206335) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam234a
Synonyms:	Itfg3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228282 representing NM_001206335
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGGACAACAAGGACTTAGAAGCTGAAATACACCCCTGAAGAATGAGGACAAGAAATCACAGGAAA
 ACCCAGGAAACCTACCAAGAAACGAAGATAACTTGAAGAGCAAGCCTGTGCCTTCCCGCTTGTCCCGGTG
 CCGCACAGTGGCATTTCCTTTCCCTGTTACCTGCCTCTTCGTGGTGTGGTGTCTTTCATCATC
 CCATGTCCAGACCGTCCCTCCTCACAGGACAGTGAAGCTTGACTACAACAATGCAGTCATGTACGACT
 TCCTGGCTCTGGGAGACATAAACAGGACAAGGTTGAGGACGTTCTTTTCTTTACAAAAATACCAACAG
 CAGTAACAATCTCACCAGATCCTGTGCTGATGAAGGCTTTTCCACTCCTTGTGCCTTTGTGGTTGCGGTG
 TCAGGAGCCAATGGCAGCGTCTCTGGGAGAGACCCGTGGCCCAAGATGTCGCCCTGTAAAGTGTGCCA
 TGCCACAGACACTGGACAGTGACGAGGTGCTTCTGCCTGTATCGTTGTGGGAAGAGCTGGTTCTTCGT
 TGGCGTCAGCTTTTTACAGGAGAAACCCTGTGGAGCCATCCAGCAGCTTTAGTGGGAAGCTTTCCATC
 CTGAGCCCTCTGCTCCAGGTGCCTGACATTGATGGTGTGGTACGACTCCAGACCTCCTGATCCTCG
 CCCAGGAGGGACAGGAGGTGAGTGGAGCTCTATTACAGGTAGCACTGGGTACCAGATTGCCACAGAGG
 CAGCCTTGGTGTGGATGGAGATGGTGTCCGCTCCTTCATGTGACCAGAACTGGTGTGCTAGTATATTCTC
 CTGCCCTGTGCAAGTGCCTCTGTGGCTTCTGTGAAGAGTCTCTATGAGAGAATTACTGGGCGAGATG
 GCCATTTAAGGAAGACCCCTACTGGGAGAATGCTCAATCACTCTGTCCACAGGAGGCTTCTGCACAG
 ACTTGGAGCAGTTCGCTACCTGATGAATATCCAGGAAAGCTGGCCAGGACTTGTCTTGTGACCTCT
 GAGGCCGCGTGTGCTGGATGGACAGGATCTGGAGCCAGGTGGACCCCTGGTGAAGTTCAGGTTCTGA
 GAAAACCTATCCTTGGCCACTACAAACCTGACACCTTGGCTGTGGTCATTGAGAATGGAACCAGCATTGA
 TAGACAGATCCTACTTCTGGACCTCAGTACTGGTCTATCCTGTGGAGCCAGCCCTCCCAAGCCTGCCT
 GGGGGCCACCATCCACAAGCCTGATGACTGCAGACCACCGCTCAGCCTTCTTCTTCTGGGGCTCCATG
 ATCTTGTGAGCACTAATGAGATGGATCCCCGGATGTGCAGCACAGTCTGTATATGTTCCACCCGACCT
 GCCTGGCATCCTGCTGGAGCTAGCCAACGTGTCTGCCAACATCGTGGCCTTTGATGCCGCTCTGCTGAG
 CCAAGCCGCCATGCTGCCTATGTGCTCTGACGGGCCAGCAAGCTCAGATGTGCTGGCCTGGTCTCTG
 TCACCAAACACAAAGTGAAGACCTTGTCCAGGCAGTAGAGTATCCACTTGGGTGAAGGCAGCTCAGA
 CAGCGACCAGGCTATCCGGGACCGTTCTCCCGACTACGGTACCGGAGTGAGATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001206335
- Insert Size:** 1668 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001206335.1](#), [NP_001193264.1](#)

RefSeq Size: 2863 bp

RefSeq ORF: 1668 bp

Locus ID: 106581

UniProt ID: [Q8C0Z1](#)

Cytogenetics: 17 A3.3