

Product datasheet for **MC216940**

Fam83f (NM_145986) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam83f (NM_145986) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam83f
Synonyms:	AW544981
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216940 representing NM_145986
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCCGAGTCCCAACTGAGCTGCCTGGACGAGGCGCACGTGAACGAGAGGGTGACCGAGGCACATGCAG
 CTTTCTACTACTGCGAGAGGCGCGGGCCGCGCTGGAGGCGCTGCTGGGTGGAGGCGAGCAGGCCTACCG
 CGAACTGGTCAAGAAGGAGCGGCTGCGGGAATTCCTCTCCAGCCAGGAGCGCCAGGCCCTCTGCGCCGCC
 TGGAGCCCTACGAGGAGGAGTCTCCAGCACCCGTGCCAAGGCTAAGGCCAAGGCCAAGGTCCCGGCC
 AGCCCACTGAGTCCCTGGCCTACTGGCCAGACCGCTCGGACACCGAAGTCCCCCACTGGACCTGGGGTG
 GACAGACACCAACTTCTACCGCGGTGTGAGCCGAGTCACGCTTTCACCCACCGCCCAAGAAGAGAAG
 GCACCGCACCTGAAGCAGGTGGTCAGGCAGATGATCCAGCAGGCCAGAAGGTATTGCTGTGGTCATGG
 ATCTTTTCACTGATGGGGATATATTCAAGACATTGTGGATGCTGCCTGTAACCGCCGGTTCCTGTATA
 CATCATCTGGATGAGGGTGGAGTGAAATACTTTTGGAGATGTGTGAGGCTAGAGCTTGACACTTC
 CGCATTCGGAACATCCGTGTCCGCTCTGTGACAGGAATTGGGTTCTACATGCCCATGGGGAAGATCAAGG
 GGACTCTCTCATCAAAGTTCCTGATGGTCGATGGGGACAAAGTAGCTACCGGCTCTTTCAGCTTTACCTG
 GAGCTCCTCCTATGTGGACAGGAATCTCCTCTTGCTCCTGACAGGACAGAACATGGAGCCCTTTGACATA
 GAGTTCGGGAGCTGTATGCCATCTCGGAGGAAGTGAACCTGCACCAGCACCTGGGCTGGCAGGCAGGA
 TTGGCCTCAACTACTCTCCACGGTAGCTCGAAAGCTTATCAACCCCAAGTACGATTGGTGGCAGGCAC
 CCGCGTCTCCAGGAGAGATGATGCGCTGGGCGGCCCGCAGCAGCGAGAAGCTGGTGGCAACGTAGAG
 GGGCAGGAGGAGGCAGTGGCGGTGGTGAAGTCTGCGCGGCTCTGGAGAGCTTTCTGAATGACCTGGTCA
 CAGTAGAGCAGATATTGCCCACTGTGGAGCCATTTCCTCAAGATTGCAGAGACCTACCAATGGCAGACC
 GGTCTCTCATGCACACACAGACGCGAAGCACAGGTCCCGAGAGGCACTGCCCCAGAATGGCAAGGGAGAA
 GCTGCCAATGGGAGGCCACCCAGCCAAGGAGGCAAAACGCTTCAGCAGCAGGCTCTTACGCCGTCGAG
 TGAAGAGGCTGCAGTGGCCAGCAGCATGGCCAGCTCCCCTCCACTGAGACGTTTGCCGATGTGGAGTT
 TCCTCTGGGAAAGAGGCACAATGAGGGTCCAATGCCAACATATCAGGTAAGGAATCACCAAGGCCAGC
 AACTGTGTGATCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_145986

Insert Size: 1488 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_145986.2](#), [NP_666098.2](#)

RefSeq Size: 3010 bp

RefSeq ORF: 1488 bp

Locus ID: 213956

UniProt ID: [Q3UKU4](#)

Cytogenetics: 15 E1