

Product datasheet for **MC216687**

Fam83e (NM_001033170) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam83e (NM_001033170) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam83e
Synonyms:	4930403C10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216687 representing NM_001033170
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCTCCAGCTGGCCGCTGGAAGGAGAGGAGTTGGGGCTGGCGAGCCAGCCCTAACGAAGG
 CCAGCCCTGCCGTCTTGTACTCTGAGGGCCAGCGGCTGGCACTCGAAGCCCTGCTGAGCAGTGGCGAGGA
 GACTTTCTGGGCCTGTGTGCAGCAGGAGAGGTTGCCCCCTTTCTGAGTGCAGATGAGGCTCAGGCCCTG
 GCTACGGCTGCTGAAGACTGGCTAGTACCTAGCCAGGAGCCTGGTGCAGCAGGCACGGGAACAGCCATCA
 CCGATGGGACGTGGGCAGCCTGACCTACTGGCCGAGGCAATCTGAGGAGCCGGCACCCCTGCTGCGGCT
 TGGCTGGCCTGAAGACTGCCTGGAAGGGCATCACCCGGGCGCAACTCTACACCAGCCACCAGGCGAG
 GGCAACCACCCATTAAGAGTTGGTACACCAGGAAATCCAGGCTGCTCGAAAGCTGGTGGCTGTAGTCA
 TGGATGTCTTACCGACCCTGACCTGCTCAGAGACATGGTGGATGCTGCTACCCGCCGATGGATTCTGT
 CTACTTACTGCTTGACCACCAGCATCTGCCTGCCTTCTGGCACTAGCCAGCAGTTAGGGGTGAACCTG
 TGGACCACTGAGAACCTGGATATCCGGACCGTGCAGGGCCACACCTTCCAGAGCCGAGGCGACGGCAGG
 TGAGCGGCCATGTGCGGGAGAAGTTCGTGCTCCTGGACGGTGACAGGGTCATCTCGGGATCCTACAGCTT
 CACATGGAGTGACTCACGCCCTGCACCGGAGCCTGGTGACCTTGTCTCACAGGAGAAATGCAGATGCCTTC
 AACCGAGGATTCGGTGTCTGTACGCAGCCTCCAGGCCGCTCTCTGCAGCTCCGGCTCGAAGCCCTTTGT
 TCAGTCTCTGAGGGCCACAGCTGCCCGAAGCCACACCGTGTGGCCCTGCGCTGTCTGTGGCCCC
 TGTAGCCCCATTGCTGTCTGATGGGCCCTTTGGCTCAACGCCTGGTGCCTGTACATCCTCGAGCGGGAC
 AAACAGGAGACCCCAACCACCGGGCCAGCTCTCAGTGACATCTTGGAGAGTGTACAGCGCACCAGGA
 CAACCAGTGGTCCCCGACCCGACCCAGCCGCTCCCTATGGGACCTTAGCCGCTGTCCCAGCTCTCTGG
 CTCAAGTGATGGTAAAAATGAGTCCAAGAAGTTCTGGGTCTCCAAGGACACTCCAGCCAGGGCCCTGATG
 AGGCAGCGGGGCACTGGAGGTGGGCCAGAGCTGAGATGGATTCCCGTTCACAGCCCTGGGTGGCCCCC
 TACCCTCGATTCCAGCCCGCCGCTGCGTTACCTATCCCCAGCCCAAAGGAGATTGGGGACAATGCCAC
 CACATCAGACTGGCCTCTGGCTCAGGCTCTGGAAGGAGACG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033170

Insert Size: 1446 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_001033170.4](#), [NP_001028342.2](#)
RefSeq Size: 2900 bp
RefSeq ORF: 1446 bp
Locus ID: 73813
UniProt ID: [Q80XS7](#)
Cytogenetics: 7 B3
Gene Summary: May play a role in MAPK signaling.[UniProtKB/Swiss-Prot Function]