

Product datasheet for MC207722

Faim2 (NM_028224) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Faim2 (NM_028224) Mouse Untagged Clone
Tag: Tag Free
Symbol: Faim2
Synonyms: 2900002L20Rik; Lfg; Lfg2; NMP25; Nmp35; Tmbim2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207722 representing NM_028224
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCCAGGGAAAGCTCTCTGTGGCTAACAAGGCCCGGGACTGAGGGGCAGCAGCACCAGGCAAATG
 GAGAGAAGAAGGATGCTCCGGCAGTGCCCTCGGCGCCACCCTCCTATGAGGAGGCCACCTCTGGAGAGGG
 GCTGAAGGCAGGGACCTCCCCAGGGCCCAACAGCTGTGCCACTCCATCCAAGCTGGGCCTACGTGGAC
 CCCAGCGGCAGCTCCGGCTATGAAGGTGGTTCCCGCAGGACATCACGAGCATTTCACCACCTTCAGCT
 GGGATGACCAGAAAGTTCGTCGGCTCTTCATCAGAAAGTCTATACCATCCTATTGGTCCAGCTGCTGGT
 GACCTTGGCTGTGGTGGCTCTTTACCTTCTGTGATGTCGTTAAGGACTATGTCCAGGCTAACCCCGGC
 TGGTACTGGGCTCCTATGCCGTGTTCTTTGCAACTTACCTGACTCTGGCTTGCTGTTCTGGACCCAGGA
 GACATTTCCCTTGGAACTGATTCTGCTGACCATCTTTACCCTGTCCATGGCCTACCTCACTGGGATGCT
 GTCCAGTTACTACAACACCACATCTGTGCTGCTGTGCCTGGTCAACCGGCTCTCGTCTGCCTCTCGGT
 ACCATCTTCAGTTCCAGACCAAGTTTGACTTACCTCCTGTGAGGTGTGCTGTTGTGCTGCTCATGA
 CCCTCTTCTTCAGTGGACTCCTCCTCGCTGTCCTCCTGCCCTTCAATACGTCCTCCGCTCCACGCGGT
 CTATGCTGACTGGGAGCGGGTGTGTTACGTTGTTCTGGCCTTTGATACCCAGTTGCTGATGGGTAAC
 CGTCGACACTCGCTGAGCCCGAGGAGTATATTTTTGGAGCCCTCAACATCTACTTAGACATTATCTATA
 TCTTACCTTCTTCTGCAGCTTTTGGCACCAACCGGGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028224
Insert Size: 954 bp



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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:	<ol style="list-style-type: none">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_028224.4 , NP_082500.2
RefSeq Size:	4668 bp
RefSeq ORF:	954 bp
Locus ID:	72393
UniProt ID:	Q8K097
Cytogenetics:	15 F1
Gene Summary:	Antiapoptotic protein which protects cells uniquely from Fas-induced apoptosis. Regulates Fas-mediated apoptosis in neurons by interfering with caspase-8 activation. Plays a role in cerebellar development by affecting cerebellar size, internal granular layer (IGL) thickness, and Purkinje cell (PC) development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).