

## Product datasheet for MC211327

### Faim2 (NM\_001038658) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Faim2 (NM\_001038658) 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:** >MC211327 representing NM\_001038658  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACCCAGGGAAAGCTCTCTGTGGCTACAAGGCCCGGGACTGAGGGGCAGCAGCACCAGGCAAATG  
GAGAGAAGAAGGATGCTCCGGCAGTGCCCTCGGCGCCACCCTCCTATGAGGAGGCCACCTCTGGAGAGGG  
GCTGAAGGCAGGGACCTCCCCAGGGCCCAACAGCTGTGCCACTCCATCCAAGCTGGGCCTACGTGGAC  
CCCAGACATCACGAGATTTACCACCTTCAGCTGGGATGACCAGAAAGTTTCGTCGGCTCTTCATCAGAA  
AGGTCTATACCATCCTATTGGTCCAGCTGCTGGTGACCTTGGCTGTGGTGGCTCTCTTTACCTTCTGTGA  
TGTCTGTAAGGACTATGTCCAGGCTAACCCCGGCTGGTACTGGGCGTCTATGCCGTGTTCTTTGCAACT  
TACCTGACTCTGGCTTGTCTGGACCCAGGAGACATTTCCCTTGAACCTGATTCTGCTGACCATCT  
TTACCCTGTCCATGGCCTACCTCACTGGGATGCTGTCCAGTTACTACAACACCACATCTGTGCTGCTGTG  
CCTGGTCATCACGGCTCTCGTCTGCCTCTCGGTCACCATCTTCAGTTTCCAGACCAAGTTTGACTTACC  
TCCTGTGAGGGTGTGCTGTTGTGCTGCTCATGACCCCTTCTTCAGTGGACTCCTCCTCGCTGCCTCC  
TGCCCTTCCAATACGTCCCCTGGCTCCAGCGGTCTATGCTGTACTGGGAGCGGGTGTGTACAGTTGTT  
CCTGGCCTTTGATACCCAGTTGCTGATGGGTAACCGTCGACACTCGCTGAGCCCGAGGAGTATATTTT  
GGAGCCCTCAACATCTACTTAGACATTATCTATATCTTACCTTCTTCTGCAGCTTTTTGGCACCAACC  
GGGAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001038658  
**Insert Size:** 918 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001038658.2</a></u> , <u><a href="#">NP_001033747.1</a></u>
<b>RefSeq Size:</b>	4632 bp
<b>RefSeq ORF:</b>	918 bp
<b>Locus ID:</b>	72393
<b>UniProt ID:</b>	<u><a href="#">Q8K097</a></u>
<b>Cytogenetics:</b>	15 F1
<b>Gene Summary:</b>	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 (2) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.