

## Product datasheet for **MC207757**

### Mff (NM\_029409) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mff (NM\_029409) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mff  
**Synonyms:** 5230400G24Rik; AI314724  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207757 representing NM\_029409  
**Red**=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGC**C

ATGGCAGAAATTAGTCGAATTCAGTATGAAATGGAATACACCGAAGGTATTAGTCAGCGAATGAGGGTCC  
CGGAAAAATTAAGTAGCACCACCAAATGCTGACCTGGAGCAAGAGTTCCAAGATGGAGTTCCAATGC  
CAGTGTGATAATGCAAGTCCCAGAGAGGATCGTGGTTACAGGAAATAATGAAGACATTTCAATTTCAAGA  
CCAGCAGATCTTGACCTTATCCAGTCCACTCCCTTTAAACCTCTGGCACTGAAAACACCACCACGCGTGC  
TCACACTGAGTGAGAGACCACTAGATTTCTGGATTTAGAAAAGACCACTTCCAACCTCTCAAAGCGAAGA  
GAGCCGAGCAGTTGGCAGGCTAAAAGAGAGCGTTCTATGAGTGAAAATGCTGTTCCGCAAAATGGACAG  
TTGGTCAGAAACGATTCCATTGTGACACCATCACCACCACAGGCTCGGGTCTGTCTCCCATATGCTAC  
CTGAAGATGGAGCTAATCTTTCCTCTGCCCGTGGCATTGTCGCTTATCCAGTCTTCTACTCGTAGGGC  
TTACCAGCAGATCTTGGATGTGCTGGATGAAAACCGCAGACCTGTGTTGCGTGGTGGTTCAGCTGCCGCC  
ACTTCTAATCCTCATCATGACAACGTCAGGTATGGCATTCAAACCTAGATGCAGCCATTGAAGGAGCTT  
CAGATGACATGACTGTGGTAGATGCAGTTCATTAAGACGTGAGATAATCAAATTAATAGACGTCTCCA  
ACTTCTGGAAGAGGAGAATAAAGAGCGTGCTAAAAGAGAAATGGTCATGTATTCAATCACTGTAGCGTTC  
TGGCTGCTTAACAGCTGGCTCTGGTTTCGACGC**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_029409  
**Insert Size:** 876 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>	<a href="#">NM_029409.3</a> , <a href="#">NP_083685.2</a>
<b>RefSeq Size:</b>	1908 bp
<b>RefSeq ORF:</b>	876 bp
<b>Locus ID:</b>	75734
<b>UniProt ID:</b>	<a href="#">Q6PCP5</a>
<b>Cytogenetics:</b>	1 C5
<b>Gene Summary:</b>	<p>Plays a role in mitochondrial and peroxisomal fission. Promotes the recruitment and association of the fission mediator dynamin-related protein 1 (DNM1L) to the mitochondrial surface. May be involved in regulation of synaptic vesicle membrane dynamics by recruitment of DNM1L to clathrin-containing vesicles.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>