

## Product datasheet for **MC210776**

### Fitm1 (NM\_026808) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fitm1 (NM_026808) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fitm1
Synonyms:	1110028A07Rik; AV010547; Cg10671; Fit1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC210776 representing NM_026808 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGGAACGGGGCCGACGGTGGGGCAGGGCTGGGGCCGGGACCCGAGTCCGAGCACTGCTGGGATGCC  
TGGTCAAGGTGCTGCTCTGGGTGGCCTCTGCCTACTGTACTTTGGAAGTGAACAAGCCGCCCTCTCT  
GGGCAGCCCTTGCTTACGGCGCCTCTACCATGCTTGGTTGGCAGCAGTGGTCATCTTTGGGCCCTTCTG  
CAGTTTACGTTAACTCTCGGACGATCTTCGCTAGCCACGGCAACTTCTCAACATAAAGTTTGTGAATT  
CAGCATGGGGCTGGACATGCACCTTCTGGGGGCTTTGTGCTGCTGGTGGTGTTCCTGGCTACACGACG  
TGTAGCAGTGACTGCCAGGCACCTGAGCCGACTGGTGGTGGGGCAGCTGTATGGCGGGGGCCGGACGT  
GCCTTCTACTCATCGAGGACCTGACGGTTTCTGCTTCGAGCCTCTGCCCCAGGGCCTATTGCTGCATG  
AGCTGCCCCGACCGAAGAGTTGCCTGGCAGCCGGCCACCAGTGGAGGGGTACACTGTCTCCTCCACAC  
CTTCTCCTCACCTTCTGCTGCCTCCTCATGGCTGAGGAAGCCGCTGTGTTTCCAAGTACCTGGCCAT  
GGGCTACCAGCTGGCGCCCACTGCGTCTTGTTCCTACTCAATGTGCTGCTGCTGGCCCTCTGGAAC  
TCCTGCTGCTGTCACGGTCATCTATTTCCATCAATATACCCACAAGGTGGTGGGTGCGGCAGTAGGCAC  
GTTTGCCTGGTACCTTACCTATGGCAGCTGGTACCATCAACCCTGGTCCCCTGGGATCCCAGGCCACGGG  
CTCTCCCTCGATCCCGCTCAATGCGCAAACATAACT**GA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_026808
Insert Size:	879 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_026808.1</a> , <a href="#">NP_081084.1</a>
<b>RefSeq Size:</b>	912 bp
<b>RefSeq ORF:</b>	879 bp
<b>Locus ID:</b>	68680
<b>UniProt ID:</b>	<a href="#">Q91V79</a>
<b>Cytogenetics:</b>	14 C3
<b>Gene Summary:</b>	Plays an important role in lipid droplet accumulation.[UniProtKB/Swiss-Prot Function]