

Product datasheet for **MC212836**

Fitm2 (NM_173397) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fitm2 (NM_173397) Mouse Untagged Clone
Tag: Tag Free
Symbol: Fitm2
Synonyms: AI414861; D930001I22Rik; Fit2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212836 representing NM_173397
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCACCTGGAGCGCTGCGCGTGGTTTCTCCGCGGACGCTGGTGAGGGCGACGGTGCGGGCCACC
TGCCCTGGGCGCTGGTGGCCGCCATGCTGGCGGGCTCGGTCGTCGAAGGAGCTGTCCCGCTGCCCGAGAG
CTACCTCAGCAACAAGCGCAACGTCCTCAACGTGTATTTGTTAAATTGGCCTGGCCTGGACAGTCTGT
CTCCTCTGCCTTTCATTGCCCTTACCAACTACCACCTGACGGGCAAGACCAGCCTGGTCTCGCGCGGT
TGAGCACCTCCTCGTGGGCACAGCCATCTGGTATATCTGCACAGCCCTTCTCCAACATTGAGCACTA
TACAGGACAGTGTACCAGTCCCGGCCCTGGAGGGCATCAGACAGGAGCATCGCAGCAAGCAGCAGTGC
CACCGGAAGGGGGCTTCTGGCATGGCTTTGACATCTCGGGCCACTCCTTCTCTTGACCTTCTGTGCGC
TCATGATTGTGGAAGAGATGGCCGTGCTGCATGAGGTGAAGACGGACCGCGGCCACCACCTCCATGCCCG
CATCACCACCTGGTTGTGCGCCCTGGGTTTCTGACCTCATCTGGGTGTGGATGTTTCTGTGCACAGCC
GTTTATTTCCAGACTTGACCCAGAAAGTTCGGCACCATGTTGGTTTGGTGGGCTGGTACGGAACAT
ATGGGTATTGGTATCTGAAGTCTTCTCAGGACTTCTCCAGAGTTGTAGTTTGAAGCG
AGATACTTACAAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173397
Insert Size: 789 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_173397.4 , NP_775573.1
RefSeq Size:	1643 bp
RefSeq ORF:	789 bp
Locus ID:	228859
UniProt ID:	P59266
Cytogenetics:	2 H3
Gene Summary:	Plays an important role in lipid droplet accumulation. Plays a role in the regulation of cell morphology and cytoskeletal organization.[UniProtKB/Swiss-Prot Function]