

## Product datasheet for **MC217196**

### **Mfsd4a (NM\_001114662) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mfsd4a (NM_001114662) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd4a
Synonyms:	A230072B04; A930031D07Rik; A1850289; Mfsd4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217196 representing NM\_001114662  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGCTGCGACGGCCGGGTGTCTGAGCTGCTCCGCCAACCTACAGCCACGCTCACCTACTGGAGCG  
 TCTTCTTCAGCTTCGGCCTGTGCATCGCCTTCTGGGGCCACGCTTCTGGACCTGCGCTGCCAGACGCA  
 CAGCTCGTTGCCCCAGATCTCCTGGGTCTTCTTCTCGCAGCAGCTCTGCCTCCTGCTGGGCAGCGCCCTC  
 GGGGGTGTCTTCAAGAGGACCCTGGCCAGTCGTATGGGCCCTTTCACCTCTACCCTGGTCATCTCCC  
 TGGTTTTTGTGTGCATCCCCTTCTGCCATGACGTGAAGGATTGGCCTCGGTTCATAGCGCTGGCGGGCT  
 GGCCATGGGCTGCATCGACACCGTGGCCAAATGCAGTTGGTGAGGATATACCAGAAGGACTCAGCCTTC  
 TTCCTTCAGTCTTTCATTTCTCGTGGCCTTGGTGCTGCTGAGCCCCCTGATTGCGGACCCCTTCC  
 TGTGAGAGGCAACTGCTTTCCTGCTAATAACACAGCCAATGCCACCTCCAGAAGCCATGGATCCCGGT  
 CCTGAGCCAACATCACGCAGCAGCCAGCCTTGGATAAACCAGACGATCCCAGGCTGCCCCAAAGGAG  
 GTGACCGAGAACCACGTATCCTATGCCTTCTGGATCATGGCTCTCATCAATCTCCAGTGGCCCTGGCTG  
 TTCTGTTCTGCTGTCCAAGGAGCGGTGCTGACCTGCGCTCAGAGGAAGCCACTGCTCCTGCTGCGGA  
 TGAGCTTGCACTGGAGACCCGGCCTGCTGAGAAGGAAGACACCTCCTCACTTGCCCCAAGTTTCAGCCA  
 CACTCAGGGCAGGAGACCTGTTTCAGCTGCTGCCAGAGGAAGAACTTCCGGGGAGCCCGTGTCTTTCT  
 TCGCCATCCACATCACGGCAGCTCTGGTCTGTTTCATGACAGACGGGATGATGGGCGCTTATTCGGCCTT  
 TGTGTACAGCTATGCTGTGGAGAAGCCGCTCTCTATTGGACACAAGTCAGCTGGTTACCTCCCTAGCCTC  
 TTCTGGGGTTTCATCACTCTGGCAGGTTTCATCCATCCCAGTCTCCTCAAGAATGAGGCCAGCCACCA  
 TGGTGTTCATCAATGTGGTGGAGTGGTGGTGACCTTCTGATGCTGCTTATCTTCTCTACAATGTCAT  
 CTCTCTGTTTGTGGGGACCGCAAGCCTGGGGCTGTTTCTCAGTAGCACCTTCCCCAGTATGCTGGCCTAC  
 ACCGAGGACATCCTCCAGTATAAAGGTTGTGCGACCACAGTGCTGGTACTGGGGCAGGCATTGGCGAGA  
 TGGTCTGCGAGATGCTGGTTGGCTTGTCTTTCAGGCCAGGGCAGTTACAGTTTCTGGTCTGTGGTGT  
 GATCTTTGGCTGCCTGGCTTTTATCTTCTACATCTTGCTCCTGTTTTTCCACAGGATACACCCTGAACTC  
 TCATCAGTTCTTACCAAGACAAAGCCCTTGGTGTGGAGAACCCTGAGTGCTACCAGAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001114662

**Insert Size:** 1533 bp

**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:**

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\\_001114662.1](#), [NP\\_001108134.1](#)

**RefSeq Size:** 3842 bp

**RefSeq ORF:** 1533 bp

**Locus ID:** 213006

**UniProt ID:** [Q6PDC8](#)

**Cytogenetics:** 1 E4