

Product datasheet for **MC217352**

Mfsd4a (NM_172510) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd4a (NM_172510) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd4a
Synonyms:	A230072B04; A930031D07Rik; AI850289; Mfsd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217352 representing NM_172510
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGCTGCGACGGCCGGGTGTCTGAGCTGCTCCGCCGAACCTACAGCCCACGCTCACCTACTGGAGCG
 TCTTCTTCAGCTTCGGCCTGTGCATCGCCTTCCTGGGGCCACGCTTCTGGACCTGCGCTGCCAGACGCA
 CAGCTCGTTGCCCAGATCTCCTGGGTCTTCTTCTCGCAGCAGCTCTGCCTCCTGCTGGGCAGCGCCCTC
 GGGGTGTCTTCAAGAGGACCTGGCCAGTCGTTATGGGCCCTCTTACCTCTACCCTGGTCATCTCCC
 TGGTTTTGCTGTCATCCCCTTCTGCCATGACGTGAAGGATTGGCCTCGGTATAGCGCTGGCGGCCCT
 GGCCATGGGCTGCATCGACACCGTGGCCAACTGCAGTTGGTGAGGATATACCAGAAGGACTCAGCCTTC
 TTCCTTCAGGTCCTTCATTTCTCGTGGCCTTGGTGCTGCTGAGCCCCCTGATTGCGGACCCCTTCC
 TGTCAGAGGCCAACTGCTTCTGCTAATAACACAGCCAATGCCACCTCCAGAAGCCATGGATCCGGGT
 CCTGAGCCAACATCAGCAGCAGCCAGCCTTGGATAAACCAGACGATCCCCAGGCTGCCCCAAAGGAG
 GTGACCGAGAACCACGTATCCTATGCCTTCTGGATCATGGCTCTCATCAATCTCCAGTGCCCTTGCTG
 TTCTGTTCTGCTGTCCAAGGAGCGGCTGCTGACCTGCGCTCAGAGGAAGCCACTGCTCCTGTCTGCGGA
 TGAGCTTGCACTGGAGACCCGGCCTGCTGAGAAGGAAGACACCTCCTCACTTGCCCCAAGTTTCAGCCA
 CACTCAGGGCAGGAGACCTGTTTCAGCTGCTGCCAGAGGAAGAACTTCCGGGGAGCCCCGTGCTCTTCT
 TCGCCATCCACATCAGGCAGCTCTGGTCTGTTTCATGACAGACGGGATGATGGGCGCTTATTCGGCCTT
 TGTGTACAGCTATGCTGTGGAGAAGCCGCTCTCTATTGGACACAAGTCAGCTGGTTACCTCCCTAGCCTC
 TTCTGGGGTTTCATCACTCTGGGCAGGTTTCATCCATCCAGTCTCCTCAAGAATGAGGCCAGCCACCA
 TGGTGTTCATCAATGTGGTGGGAGTGGTGGTGACCTTCCTGATGCTGCTTATCTTCTCTACAATGTCAT
 CTTCTGTTTGTGGGGACCGCAAGCCTGGGGCTGTTTCTCAGTAGCACCTTCCCCAGTATGCTGGCCTAC
 ACCGAGGACATCCTCCAGTATAAAGGTTGTGCGACCACAGTGCTGGTGACTGGGGCAGGCATTGGCGAGA
 TGGTCTGCGAGATGCTGGTTGGCTTGATCTTTCAGGCCAGGGCAGTTACAGTTTCTGGTCTGTGGTGT
 GATCTTTGGCTGCCTGGCTTTTATCTTCTACATCTTGCTCTGTTTTCACAGGATACACCCTGAATC
 TCATCAGGTGAAACATGATTCTGATAGCGCAAGTTCACAGAGCGTGAGACGCATCATACCCG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_172510

Insert Size: 1539 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_172510.4, NP_766098.2

RefSeq Size: 2662 bp

RefSeq ORF: 1539 bp

Locus ID: 213006

UniProt ID: Q6PDC8

Cytogenetics: 1 E4