

Product datasheet for **MC216922**

Mfsd2b (NM_001033488) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd2b (NM_001033488) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd2b
Synonyms:	Gm1964
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216922 representing NM_001033488
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGGTGCCCCATGGACCCACCCCGCTCCTGTGCGAGAGCCTCACACCCAGGAGCCAGGCTCGGACA
 AGAGAGATGGTCGCCTCTCAGTCTGTACAAAGGTGTGCTATGGCATTGGTGGGGTCCCCAACCCAGGTGGC
 CTCAGCGCCTCAGCCTTCTACCTGCAACTCTTCTACTGGATGTGGCCAGATCCCCGCTGCCAGGTG
 TCACTTGCCCTTGTGGAGGGAAGGTGTCTGGGCGAGTTCAGACCCCTGTGGCTGGCTTCTTCATCAACA
 AGAGCAGAAGGACGGGTCTGGACGGCTAATGCCTTGGGCGTGGGCTGCATGCCCTTAATCGACTGGC
 CTACTTCTTCTGTGGTTCCTGCCCCATTACCAGCCTTCGTGGGCTCTGGTATACCAGCTTCTACTGC
 CTGTTCCAGGCCCTGGCTACGTTCTTCCAGGTGCCCTACACTGCGCTCACTATGATCCTCACCCAGCC
 CCAGGGAGCGAGACTCTGCCACCGCATACCGGATGACCATGGAGATGGCAGGGACTGATGGGAGCCAC
 TGTCACGGGCTCATTGTGTCCAGTGCCACGGTCCCAGAGGTGTGAGGACACTGTGCACCCAGGAGT
 CCTGCTGTTTCCCAGATGTAGCTCGCCTCTATTGTATTGCAGCTGCCGTGGTTGCCTTGACTTATCCTG
 TGTGTGGAAGTCTGCTGTGCCTAGGAGTGAAGGAGCAGCCAGATACTTCTGCCCCAGCCTCAGGCCAAGG
 CCTGAACTTCTTCACTGGCCTGGCCATCACTTCCCAGCACCCACCTACCTGAGCCTGGTGGTCTCTTTC
 TTGTTCAATTCAGCTGCCGTCCAGGTGGAACAAAGTTACCTAGTCTGTCTGTACACACGCCTCTAAGC
 TCCAAGATCATGTTCAGAACTTGGTGCTCATCATTCTGGTCTCAGCTGTGCTGAGCACCCCACTGTGGGA
 GTGGGTCTCCAGCGATTTGGGAAGAAGACATGCATTCCGCATCTGTGTGATGGTGGCCTTTTCTATC
 TTGTTGGCTGCTGTGCCCTCAGCACCGGTGGCCTATGTTGTGGCCTTTGTCTCTGGCGTGAGCATGTG
 TGCCCTGCTGCTACCCTGGTCCATGCTGCCAGATGTGGTGGATGACTTTCAGCTGCAGCATCGGTGTGG
 CCCAGGGGTGGAGACCATCTTCTACTCATCCTAGTCTTCTTCCCAAGCTGTCAGGCGCGGGTGCCTTG
 GGCATCTCTACCCTCAGTTTGGAGTTTGCAGGGTATGAGGCAGGGGCTGCCAGCAAGCAGAAGAAGTGG
 TGGTCACTCTCAAGTCTCATCGGTGCTGTGCCACCTGTATGATCCTTATTGGCCTGTGCATCCTCT
 GGTGGCCCACTCCAAGATGCCACGTGAGGACACTTCTCCAGCTAAGCCTTCGGAGGAGGACTAGC
 TACAGCCTTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001033488

Insert Size: 1485 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_001033488.2](#), [NP_001028660.2](#)

RefSeq Size: 3125 bp

RefSeq ORF: 1485 bp

Locus ID: 432628

Cytogenetics: 12 A1.1