

Product datasheet for **MC217321**

Mfsd8 (NM_028140) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd8 (NM_028140) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd8
Synonyms:	2810423E13Rik; AI836898; AV142426; Cln7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217321 representing NM_028140
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGAACCTGGGAAGTGAGGCCGAGCGGGAGCCCTCTTGGGCCCGGGATCACCCGGAAGCAGAGAAT
GGAGCGAGATAGAAACCAAGAGCATTACAAGAGTAGATGGAAGTCTGTGAGGATTCTCTACCTTACCAT
GTTCTCAGCAGTGTGGGTTTTTCTATTGTGATAATGTCCATCTGGCCATATCTTCAAAAGATTGATCAG
ACAGCTGATGCAAGTTTTTGGGCTGGGTATTGCTTCATATAGTCTTGGCCAAATGGTAGCTTCACCTC
TATTTGGCTTATGGTCTAATTATAGGCCGAGAAAAAGAACCTCTTATCGTCTCCATCTCTATTTCCGGTGGC
AGCCAACCTGCCTATATGCGTATGTCCACGTGCCAGCTGCTCATAATAAATACTACATGTTGATTGCTCGT
GGATTGGTGGGATTTGGAGCAGGAAATGTTGCCGTTGCCGATCATACTTGCTGGTGTACTTCCCTTC
AGGAAAGAACAATGCCATGGCTAATACAAGCACATGCCAAGCCCTGGGCTTTATCTCGGTCCAGTTTT
TCAGACTTGTCTTGCCTCATTGGAGAAAAAGGTGTGACGTGGGACATCATCAAGCTGCAGGTCAACATG
TACACAGCACCAGTTTTACTTGCAGCCTTCTGGGAATCTAAACATTATTCTGATTCTTTTTATATTAA
GAGAGCATCGTGTGGATGACTTGGGACGTCAAGTGAAGAGTGTGAATTTCAAGAAGAAAATACAGATGA
ACCTCAGATTCCTGAAGGAAGTATTGATCAAGTTGCTGTTGTGGCTACCAATATTGTGTTTTTTGTGGTT
TATTTTATCTTTGCTGTTTATGAAACAATCCTCACCCCACTAACCTGGATATGTACGCCTGGACCCAGG
AGCAGGCTGTGCTCTATGATGGAATCCTCCTTGTGCTTTTGGAGTTGAGGCAGTTCTTGTCTTCATGGG
GGTTAAATTACTTTCAAAAAGATTGGCGAGCGTGCTATTCTCCTGGGAGGATTTGTGGTTGTATGGGTC
GGCTTCTTTATCTTGTACCCTGGGAAATCAGTTTCCAAAATACAGTGGGAAGATTTACACAACAGCT
CAACCCTAATACTACATTTGGGAAATAATTATTGGTCTTTGGAATCTTCAAGAGAAGATCACACAGTGA
ACAGCCAACTGGGTGCCAATTGAACAGACCTGGTGCCTGTACACCCAGTGATTTCATCTGGCCAGTTC
CTGACAGCTGCTGTGTTAATTGGAACAGGCTATCCAGCCTGCAGTGTGCCTATACATTATACTCAA
AAGTTCTAGGACCCAAACCTCAGGGTATATACATGGGCTGGTTAACCACTTCTGGAAGTGCAGCAGGGAT
TCTTGGGCTGTGTTTCATCAGCCATGTGTACACTACTTGGGCCACGATGGGCATTAGCCTTGTGTGT
GGAATAGTAGTGCTCACCATCTTGCTAATAGGAGCTGTTACAAAAGACTCGTTGCCTTTCTGTCAGAT
ATATGAGGATCCAGGAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_028140

Insert Size: 1560 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_028140.4](#), [NP_082416.2](#)

RefSeq Size: 3051 bp

RefSeq ORF: 1560 bp

Locus ID: 72175

UniProt ID: [Q8BH31](#)

Cytogenetics: 3 B

Gene Summary: May be a carrier that transport small solutes by using chemiosmotic ion gradients.
[UniProtKB/Swiss-Prot Function]