

Product datasheet for **MC216799**

Mfsd14a (NM_008246) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd14a (NM_008246) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd14a
Synonyms:	Hiat1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216799 representing NM_008246
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACCCAGGGGAAGAAAAAGAAACGGGCCGCAACCGCAGTATCATGCTGGCCAAAAAGATCATCATT
AGGACGGAGGCACGCCTCAAGGAATAGGCTCCCCTAGTGTGTATCATGCGTTATTGTCATCTTTTTGGA
GTTTTTGCTTGGGACTACTGACAGCACCCACATTGGTGGTATTGCATGAAACCTTCCCTAAACATACA
TTTCTGATGAATGGCCTAATCAAGGAGTAAAGGGTTTGTGTCATTCTCAGTGCCCCACTTATTGGTG
CTCTTTCTGATGTTTGGGGCCGAAAGTCTTCTGCTGCTAACAGTGTTCACGTGTGCCCTATTCC
TCTGATGAAGATCAGCCCGTGGTGTACTTTGCTGTTATCTGTCTTCTGGGGTTTTGCAGTAACCTC
TCTGTGGTATTTGCATATGTAGCAGATATAACTCAAGAGCATGAAAGGAGTATGGCTTACGGACTGGTT
CTGCTACGTTCTGCTGCCAGCTTAGTTACCAGCCCTGCAATTGGAGCTTACCTGGACGAGTGTATGGGA
CAGCTTAGTGGTGGTCTTGGCTACAGCAATAGCTCTGCTAGACATCTGTTTTATCCTTGTGCTGTGCCA
GAGTCATTGCCTGAGAAGATGCGGCCAGCATCGTGGGGAGCTCCCATTTTCATGGGAACAGGCTGACCCCT
TTGCATCTTTAAAAAAGTGGGCCAAGACTCCATAGTGTGCTGTATCAGGTTTCTCTCCTA
CCTACCTGAAGCCGGCCAGTACTCCAGCTTCTTCTTATACCTCAGACAGATAATGAAATTTCCCGAGAA
AGTGTGGCAGCCTTCATAGCAGTCTTGGCATTCTGTCCATTATTGCACAGACCATAGTCTTGAGTTTAC
TCATGAGGTCAATTGGAATAAGAACCACCTTACTGGGTCTGGGATTTCAAATATTGCAGCTGGCATG
GTACGGCTTTGGTTCCGAACCTTGGATGATGTGGGCTGCTGGGGCAGTGGCAGCCATGTCTAGCATCACC
TTTCCAGCTGTTAGCGCCCTTGTTCACGGACTGCTGACGCGGATCAACAGGGTGTGTTCAAGGGATGA
TAACAGGGATCAGAGATTGTCAATGGTCTGGGACCAGCCCTTATGGGTTTCATTTTACATATTCCA
TGTGGAACCTTAAAGAACTGCCAATCACAGGGACAGACCTGGGGACAACACAAGCCCTCAGCATCACTTT
GAACAGAATTCATCATCCCTGGTCCCCCTTCTCTTTGGAGCCTGTTCCGGTACTGCTGGCTCTGCTCG
TTGCCCTTGTATTCCGGAACACACTAATTTAAGTTAAGGTCCAGCAGTTGGAGGAAGCACTGTGGCAG
TCACAGCCATCCTCACAGTACACAAGCGCCAGGAGAGGCCAAAGAACCCTTACTCCAGGACACGAATGTG
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008246

Insert Size: 1473 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_008246.2](#), [NP_032272.2](#)

RefSeq Size: 2795 bp

RefSeq ORF: 1473 bp

Locus ID: 15247

UniProt ID: [P70187](#)

Cytogenetics: 3 G1