

Product datasheet for **RN206434**

Mfsd5 (NM_001126282) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd5 (NM_001126282) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd5
Synonyms:	RGD1305138
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206434 representing NM_001126282
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGTGA**CTGCCTATTTGTCTTTGTGGCCCTCTGGCCTCTGCCTGGCCTGGAGCTGTCAAGAT**
 GCAGAGCCAGGCC**CCCTGGAAGAGCTTGCAGCAACCCCTCCTTCCTCAGTTTCAACTAGATTTCTATCA**
 AGTCTACTTTCTGGCCCTGGCAGCGGACTGGCTCCAAGCC**CCCTACCTGTATAAACTCTATCAGCATTAC**
 CACTTCCTGGAGGGT**CAGATTGCTATCCTCTACGTCTGTGGCCTGGCTTCCACGGTCTCTTTGGCCTAG**
 TGGCCTCATCCCTTGTGGACTGGCTGGT**CGTAAGAAGTCTGTGTCTTTCTCCCTCACTTACTCTCT**
 ATGTTGCATAACCAAGCTCTCTCAAGACTACTTTGTGCTGCTGGTGGCCGAGCCCTTGGTGGGCTGTCG
 ACCGCTCTCTCTCTCAGCCTTCGAGGCCTGGTACATCCATGAGCACGTGAAAGACATGACTTCCCTG
 CCGAGTGGATCCAGCCACCTTCGCCCGAGCCGCTTCTGGAACCATGTGCTGGCTGTGGCAGCAGGTG
 GGCAGCCGAGGCTGTGGCTAGTTGGATGGGTCTGGGGCTGTAGCACCTATGTGGCTGCCATCCCTCTT
 CTGGCTCTGGCTGGGGCCTTGGCCCTTCGAAACTGGGGAGAGAATTATGACCGTCAAGCTGCCTTCTCCA
 AGACCTGTGCCGAGGCCTGCGCTGCCTCTGTCCGACCGCCGGGTGTTGCTGCTGGGTGTCATAAAGC
 CCTGTTTGAGAGTGTATCTTATCTTTGTCTTCTCTGGACACCTGTGCTGGACCCACAGGGGCCCG
 CTGGGCATTGTGTTCTCCAGCTT**CATGGCTGCCAGCCTTCTGGGTTCTTCTTGTACCGCATCGTACCT**
 CCAAGAGGTACCACCTTCAACCCATGCACCTACTTTCCCTCGCTGCTCCTATTGTTGATTCTCTCTCTT
 CATGTTGACTTTCTCTACCAGCCAGGCCAAGAAAACCCCGTGAATCCTTTATCGCTTTTTTACTTATC
 GAGTTGGCCTGCGGGCTCTACTTTCCAGCATGAGCTTCTCGGAGGAAAGTATCCCCGAGACGGAGC
 AGGCCGGTGTCTCAATTGGTTCCGAGTGCCTTGCATTTACTGGCCTGTCTGGGGCTCTGGTCTCTCA
 TGACAGCGATCGGAAGACGGGCACAGGAATATGTTTCAGCATCTGCTCGGCCGTCATGGTACGACTCTG
 CTGGCCGTGGCAGGACTTTCACAGTCGTGAGACACGACGCTGAGTTGGGGTGCCTCGCCACCGGGG
 AGCCCTATGCCCTGAGCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001126282

Insert Size: 1353 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_001126282.1, NP_001119754.1
RefSeq Size: 1761 bp
RefSeq ORF: 1353 bp
Locus ID: 315329
Cytogenetics: 7q36