

Product datasheet for MC205689

Mfsd5 (NM_134100) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mfsd5 (NM_134100) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mfsd5
Synonyms: AA409375; AW556797; D15Mgi27
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC009140
 TTGCCCTCTGCTTAGACACCTAACTCCTCGACTGTGCTACCTGGATTATGGATGTGACTGTGGCCATCGT
 TCTCTCCCAGGTCGTCCGGGGCCCATCATGCTGGTGACTGCCTATTTGTCTTTTGGGCCCTCCTGGC
 CTCTGCCTGGGTCTGGAGCTGTCAAGATGCAGAGCCAGGCCCTTGAAGAGCTTGCAGCAACCCCTCC
 TTCCTTCAAGTTCAACTAGACTTCTATCAAGTCTACTTTCTGGCCCTGGCAGCGGACTGGCTCCAAGCTC
 CCTACCTGTATAAACTCTATCAGCATTACCACTTCTGGAGGGTCAGATTGCTATCCTCTACGTCTGTGG
 CCTTGCCTCCACGGTCTCTTTGGCCTAGTGGCCTCCTCCCTTGTGGACTGGCTGGGTCGTAAGAAGTCT
 TGTGTCTCTTCTCCCTCACTTACTCTCTATGTTGCATAACCAAGCTCTCTCAGGACTACTTCGTGTGC
 TGGTGGGCGGAGCACTCGGTGGGCTGTCCACAGCTCTCCTCTTCTCAGCCTTTGAGGCTGGTACATCCA
 CGAGCACGTGGAGAGGCATGACTTCCCCCGGAGTGGATCCCAGCCACCTTTGCCGAGCCGCCTTCTGG
 AACCACGTGCTGGCTGTGGCGGCTGGTGTGGCAGCGGAGGCCGTGGCTAGTTGGATAGGGCTGGGGCCGG
 TCGCACCTTTTGTGGCTGCCATCCCTCTTCTGGCTCTGACTGGGCCCTTGGCTCTACGAAACTGGGGAGA
 GAATTATGACCGTCAGCGTGCCTTCTCCAAGACCTGTGCTGGAGGCCCTGCCTGCCTGCTGTCTGACCGC
 CGGGTGTTGCTGTTGGGTGTCATAACAAGCGCTGTTTGGAGTGTGATCTTTATCTTTGTCTTCTCTGGA
 CACCTGTGCTAGACCCACACGGAGCCCCACTGGGCATTGTGTTCTCCAGCTTCATGGCTGCCAGCCTTCT
 GGGTCTTCGCTGTACCGCATCGCTACCTCCAAGAGGTACCACCTTCCAGCCATGCACCTGCTTTCCCTT
 GCTGTCTCATTGTCGTCTTCTCTCTCATGTTGACTTTCTCCACCAGCCAGGCCAAGAAAATCCTG
 TGGAGTCTTTCATTGCCTTTTTACTTATTGAGTTGGCTGCGGGCTCTACTTTCCAGTATGAGCTTCTCT
 CGAAGGAAAGTATCCCCGAGACAGAGCAGGCCGGGTTCTCAATTGGTCCGAGTGGCCCTGCATTTG
 CTGGCCTGTCTAGGGCTCCTTGTCTCCACGACAGCGATCGGAAAACAGGCACCAGGAATATGTTTAGCA
 TCTGCTCTGCCGTGATGGTGACGACTCTGCTGGCAGTGGCAGGACTCTTACCCTGGTGAGACACGACGC
 TGAGTTGCGGGTGCCTCACCCACGGGGAGCCCTACGCCCTGAACTTTGATCTCCAGGACAAGGGGT
 CTGAGATGGGCTCTGGAACACACCCACCTACCCATGACTTGTCTTGTGACTCTGTCTGCAGCCCTCTT
 GCCAGTCTCTGTATTGGGAAGGACATGGGGGTGACAGACTGGAAAGGTGCCAAAAGCTGACAGTGTACT
 CCCTTCTCCTGTGTGTAATAAATAAACAATCTTCTAATGGATGTGACTCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_134100
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:	<ol style="list-style-type: none">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:	BC009140 , AAH09140
RefSeq Size:	1673 bp
RefSeq ORF:	1353 bp
Locus ID:	106073
UniProt ID:	Q921Y4
Cytogenetics:	15 F3
Gene Summary:	Mediates high-affinity intracellular uptake of the rare oligo-element molybdenum. [UniProtKB/Swiss-Prot Function]