

Product datasheet for **RN202409**

Mfsd12 (NM_001108730) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd12 (NM_001108730) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd12
Synonyms:	RGD1307722
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202409 representing NM_001108730
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGCCTCCGTCGGGCGACGCAGGCCCGGGCCGCGGGTGCCTGTCCCTTGCCGCGGTCTGAGCT
 TCGCGGTTCGGCCACTTCCCTCAACGACCTGTGCGCCGCATGTGGTTCACCTACCTGCTGCTTCCCTGCA
 CTCCTGTCGCGGGTACAGCTCGCGCGCCGCGGGACTGCTGCTGCTGCTCGGCCAGGTGGCCGACGGGCTC
 TGCACGCCGCTCGTGGGCTACGAGGCCGACCGTCCCGCCTGCGTACGCTGCGGACCCCGAAGGCCTGGC
 ACCTAGCGGGCACTGTCTGTCTGCTCTCCTTCCCATTATCTTCAGCCCATGCCTGGGCTGTGGGGA
 AGCCACACCTGAGTGGGCTGCGCTGCTGTACTATGGGCCCTTCATCGTCATCTTCCAGTTTGGCTGGGCT
 GCCACGCAGATTGCCACCTGAGCCTATCCCAGAGCTGACCACCAGTGACCACGAGAAGGTGGAGCTCA
 CAGCCCTCAGGTATGCCTTCACTGTGGTCGCCAACATCACTGTGTATGGAGCGGCCTGGTTGCTGCTGCA
 TTTGCAGGGCTCTGCGCACGGGGCCAGAACATCAGTGTGGGTGACCAGCTGGGAGTCCAGGATGTGTCT
 GTGTTCCGGAACCTGGCCCTGCTGGTGGTGGGTGTGGGGCCGCTTCTCGCTGCTTCCACTTGGGTA
 CCAAGGAGAGCCGAGGCCCCAGCACCAGGGGATCGAACCAGTACGACAGCCCCCTGGTGGCCCCGT
 GCCCAGTCACTGCTGTTGTGGAACATTGGCTTCAGGAGCCAGCTTTCTATCAGGTAGGCCTGCTGTAC
 ATGACCACAAGGCTTATTGTGAACCTGTCTCAGACCTACATTGCCATGTATCTGACCTATTCTCTCAGCC
 TGCCCAAGAAGTTCATTGCCACCATCCCCCTGGTGTACTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GCAGCTTGGTGGCCCTGGCAGATAACCTGGGTGGCCGATATGGGGCCGATTGCTGTTGGGTGCAG
 GCTGTGCCACCATCCTTGTACCTCCCTAGCCATGACCCTGACCTCATTGGCCCCATACGCACAGTGG
 AGCCTTCGTGTATGGTGCTATGAGCTTTTCGGATAAAGTGGCCAATGGGCTGGCAGTCATGGCTGTGCAG
 AGCCTGCATCCCTGTCCCTCTGAGCTGTGTGGGAGCCTGCATCGGCTTTTACCACTGGGTGATGACAG
 CAGTGACGGGAGGCGTGGGTGTGGCCGACGCCCTGGCTCTCTGCAGCATCCTCATCTGGCCATTTCGCAT
 TCGCACCCGGGACCCAGAGACCGGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108730
- Insert Size:** 1431 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_001108730.1](#), [NP_001102200.1](#)
RefSeq Size: 1831 bp
RefSeq ORF: 1431 bp
Locus ID: 362824
Cytogenetics: 7q11