

Product datasheet for **RN202823**

Mfsd11 (NM_001108308) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd11 (NM_001108308) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd11
Synonyms:	RGD1307394
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202823 representing NM_001108308
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCCTCCGAATCTAAAAGCTTTTCAACATCGTAATTTTAGGAGTTGCCTTTATGTTTATGTTACCCG
 CCTTTCAGACTTGTGAAATGTGGCGCAAACCTGTCATCAGGAGCTTAAATAGCACAGATTTTCATGGCAG
 TGGATATACCAGCTTGGCAATTATTTATGGCGTGTCTCTGCCTCAAATTTGATCACTCCGTCGGTGGTC
 GCCATTGTCGGGCCTCAGATCTCTATGTTTGTCTAGTGGTTTGTCTACAGCATATACATTGCCGTTTTTA
 TCCAACCTTTCCCATGGTCTTCTACACAGCATCTGTTTTTCATCGGGATCGCAGCTGCCGTCCTTTGGAC
 AGCACAAGGAAATTCCTGACAATAAACTCTGATGAACACACAATCGGGAGAAACAGCGGGATTTTCTGG
 GCACTCTTGAATCTAGCTTGTCTTTGGGAATCTCTACATATATTTGCCTGGCAAGGGAAAACCCAGA
 TTTCAGAGAATGACAGAAGGACTGTGTTTCATCGCTCTGACAGTCATAAGCCTCGTGGGACCGTTCTGTT
 CTTTCTCATTTCGAAACAGATCCTGAGAATGTCTAGGAGAAGAAGATGAGTCTTGCATGATCAGGAC
 ATGGAAGCCACCGAGTCTGCCAGAACACGTGACAAAGGCAGTTGATGGTTTTAAAAGTCTCTGAGGT
 TGTGCGTCACCAAGGAGATGCTCCTCCTGAGTGTACGACTGCCTACACAGGTCTGGAGCTGACCTTCTT
 CTCCGGGGTGTACGGAACCTGTATTGGGGCCGTAACAAGTTTGGGACAGAGAGAAAAGCCTCATTGGA
 CTTTCTGGCATCTTCATCGGCATTGGAGAGATTTAGGTGGAAGCCTTTTCGGCCTGCTGAGCAAGAACA
 GTCGCTTCGGCAGGAACCCCGTGGTGTCTGCTGGGCACCCTGGTGCCTTCGATGCTTTTACTTGATCTT
 CCTCAACATGCCTGGAGACGCGCCATTGCCCCGTGGAAGGGACCAACAGCAGTGCATACATCAGGCC
 AGCAAAGAAGTTGCCATCTCTCAGCTTTCTGCTGGGTCTGGGAGACAGCTGCTCAACACCCAGCTGC
 TCAGCATATTGGGTTTTCTACTCGGAAGACAGCGCACCGCCCTTCGCCGCTTTAAGTTTGTTCAGTC
 GATCTGCGCAGCGTGGCTTTCTCTACAGCAACTACCTGCTCCTCCACTGGCAGCTCCTGGTCATGGTG
 ATATTTGGGTTTTTTGGAACATTTCTTCTTCGCCGTGGAGTGGGACGCTGCTGCCATCGTGGCCAGAG
 GCTCTGACTACCGAAGCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108308

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_001108308.1, NP_001101778.1
RefSeq Size: 2885 bp
RefSeq ORF: 1353 bp
Locus ID: 360667
Cytogenetics: 10q32.2