

Product datasheet for **RN213294**

Mfsd4a (NM_001109069) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd4a (NM_001109069) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd4a
Synonyms:	Mfsd4; RGD1566090
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213294 representing NM_001109069
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGCTGCGACGGTCGGGTGTACAGGGCTGCTCCGCCGAACCTACAGCCCACGCTCACCTACTGGAGCG
 TCTTCTTCAGCTTCGGCCTGTGCATCGCCTTCCTGGGGCCACGCTGCTGGACCTGCGCTGCCAGACGCA
 CAGCTCTCTGCCCCAGATCTCCTGGGTCTTCTTCTCGCAGCAGCTCTGCCTCCTGCTGGGTAGCGCCCTC
 GGGGGTGTCTTCAAGAGGACCCTGGCCCAATCATTATGGGCTCTCTTACCTCTACCCTGGTCATCTCCC
 TGGTGTTCGTGTATCCCCCTCTGCCATGATGTGACGGTATTGGCCTCGGTATAGCGCTGGCGGGCCT
 AGCCATGGGCTGCATCGACACCGTGGCCAAATGCAGTTGGTGAGGATATACCAGAAGGACTCGGCCTTC
 TTCCTTCAGGTCCTTCATTTCTCGTGGCCTTGGTGCTGCTGAGCCCCCTGATCGTGATCCCTTCC
 TGTCAGAGGCCAACTGCTTTCCTGCTAATAACACAGCCAATGCCACCTCCAGAAGCCATGTATCCCGGGT
 CCTAAGCCAACATCATGCAGCAGCCAGCCTTGGATGAACCAGACGATCCCCAGGCCGCCCCAAAGGAT
 GTGACCGAGAACCACGTATCCTATGCTTTCTGGATCATGGCTCTCATCAATCTCCAGTGCTCTGGCTG
 TTCTATTCTGCTGTGCAAGGAGCGGCTGCTGACCTGCTCCCAGAGGAAGCCCCTGCTCCTGTCTGCAGA
 CGAGCTTGCACTGGAGACCCGGCCTGCTGAAAAGGAAGACACTTCCTCACTTGCTCACAAGTTTCAGCCA
 CACCCAGGGCAGGAGGACCTGTTTCAGCTGCTGCCAGAGGAAGAACTTCGGGGAGCCCCGTGCTCTTTCT
 TCGCCATCCACATCACAGCCGCTCTGGTCTGTTTCATGACAGACGGGATGATGGGCGCTTATTAGCCTT
 TGTGTACAGCTATGCTGTGGAGAAGCCGCTCTCTATTGGACACAAGTCAGCTGGTTACCTCCCTAGCCTC
 TTCTGGGGTTTCATCACTCTGGGCCGATTATCTCCATCCAGTCTCCTCAAGAATGAGGCCAGCCACCA
 TGGTGTTCATCAATGTGGTGGGAGTGGTGGTGACATTCTCCTGATGCTTATCCTCTCCTACAATGTCAA
 CTTCTGTGTTGTGGGACAGCAAGCCTGGGGCTGTTTCTGAGTAGCACCTTCCCCAGTATGCTTGCCTAC
 ACCGAGGACATCCTCCAGTATAAAGGTTGTGCGACCACGGTGCTGGTGACTGGGGCAGGAATTGGTGAGA
 TGGTCTGCGAGATGCTGGTTGGCTTGATCTTTCAGGCCAGGGCACTTACAGTTTCCTCGTCTGTGGCGT
 GATCTTTGGCTGCCTGGCTTTTATCTTCTACATCTTGCTCTGTTTTCACAGGATACATCCTGAATC
 TCATCAGGTGAAAACATGACTCTGATAGTGACAGGTTCCAAAGAGCACGGGACACACCATCACCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109069

Insert Size: 1539 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_001109069.1, NP_001102539.1

RefSeq Size: 3342 bp

RefSeq ORF: 1539 bp

Locus ID: 498228

Cytogenetics: 13q13