

Product datasheet for **RN214861**

Mfsd9 (NM_001108215) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd9 (NM_001108215) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd9
Synonyms:	RGD1562212
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214861 representing NM_001108215
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGCTGGGGTCCGGGGCGCGGGCCTCGGGCAGGATCTAACTTCAGAGACCCCGGTGACGGCCA
 CAGCATCGTCCAGTGCTGTGAGCTCCCGCGCTTCCTGCTCTGGCTCTACCTGGTAGGCTTCTGGATCT
 GTTTGGTGTGAGCATGACTGTCCATTGTTGAATCTTCATGTCAGATCCCTTGGAGTAAGTCCCGTCGTT
 GCTGGAATAGTAGGCTCCTCTATGGCATTGTTGCAACTCTTCTCCAGCACCTTTGTGGGCTGCTGGAGTG
 ATGTGGTTGGAAGACGGTGCTCCTTGTGGTGTGCAATTTGCTCAGTGCCTGGGCTACCTCCTCTTGG
 AATGTCCACCAACGTGTTCTGTTACGCTGGCTAGAGTCCCTGTAGGTGTTTTAAACACACACTCTCC
 ATCTCTAGAGCACTGCTTTCTGACCTGGTCACAGAGAAGGAGAGGCCACTTGTGCTGGGACAGTTCAACA
 CAGCCTCAGGCGTGGGCTTCATCTTGGGCCAGTGATTGGTGGGTATCTGACTGAACTGGATGGTGGATT
 CTACGTGACAGCCTTCATGTGCTGCTGTCTTCTCCTCAATGCTGGTCTAGTCTGGCTGTTACCTTGG
 AGAGAAACAAGCCTCAACATCCCAGACAGTGGTTGGAGCTTGGATCAGAAGCATGCTACAGTGACCATAA
 AGTCAGAAAGTACACTTCAGGGAGCAGCCACCACCCCTGAGGCCAGGAGAGTGGGAGGAACCTGCGGCC
 GCCCTGGGTTGAGGTGATGTCGACCTTGAAGGACATGAAGAACCTGATCTTCTGCACTGTGGGATGTC
 TTCCTCGTGCGCTTGCTGATGGGGTGGCGTCATGCTGTACTACAGTAACTTTGCTGCGCCCTGGAGG
 AGCGTTTTGGGTACGGCCCAAGACCACAGGTACCTCATCAGCTACACCAAGTGCCTGGGTACCTGGC
 TGGCTTTGCTGTGGGGCCATTCTACGGCTATACAAGCACAACCTCACACATGGTCTCTGCACTCCAGC
 GCACTCACCTGCCTGCTGCTGCTCTACTCTACGACCAACTCCATGGCCATGGTGGTCTTGTCTCTCA
 CTCTTCTGCTCTTCTCCACCACCATGGGAGAACCTGCATCACAGACCTCCAGCTGAGTGTGGGCGGAGC
 CCAGGCCAGCGGCACCGTCATAGGTGTGGGCCAGTCTGTGACTGCGGTGGGCCGTATCCTTGCCCACTG
 CTCTCTGGACTGGCCAGGAGATCAGTCCCTGTGGCCCTCCAAGCCTGGGTGCTGCTTTAGCTCTGGTAG
 CTATTTTAATCATGACTCTATACAGACCTCCCTTCAGTGGGGATGGGAGCGAGAGACTCAAACGGGAGTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001108215
- Insert Size:** 1401 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_001108215.1, NP_001101685.1
RefSeq Size: 3139 bp
RefSeq ORF: 1401 bp
Locus ID: 316356
Cytogenetics: 9q22