

## Product datasheet for **RN211562**

### **Mfsd6 (NM\_001106911) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mfsd6 (NM_001106911) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd6
Synonyms:	RGD1562317
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211562 representing NM\_001106911  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTGCTGATGATAAAGTTGCTATCCTAACTGACGATGAAGAGGAGCAGAAGAGAAAAATATGTGCTTG  
 CTGATCCCTTTCAACGGCATCTGCAGGGAATCAGAGCCACCTTCTAACGAAACCCCTCCTCCACAGAGAC  
 TTCGCCATTCCCAGGAGGAAAATAGACTGGATAGAGAAACATTGTGTAATAACAATGATCTTCTC  
 ATCTCAAAGTGTTTTATTTCTTCTTTACTCCGCCTACGGCTCTCTTTACCCTCTCCTGCCGTGTATT  
 ATAAGCAGCTGGGAATGTCGCCAAGCCAGAGTGGACTGCTGGTGGGCATTCCGGTACTTCATTGAGTTTTG  
 CAGCGCTCCCTTCTGGGGTGTAGTTGCAGATCGTTTTCAAAAAGGGCAAAATGTCCTCCTTTTTCGCTT  
 TTGTGTTGGGTTTTGTTAACCTGGGCATTGGATTCGTCAAACCTGCTACCTTGAGATGTATACCAAGA  
 TCCCCCAACAGCTCACCCACCAATGTAAGTCACCCAGTAACCATCCTGCCAATGAACTCCTCCACTGT  
 CGTTTTCTTTACCACACCACAAAATCACTCGAGAAAAGGAGCCTGCTGTTCTCTGCAACAGAGCCCAAT  
 ATCTCAAACATAGATCTCTGTCAACAGCATTGACCTTGACCACCGAACCCACACTACGGCCCCAGACAG  
 AGGGAATTACCCACCACGTTACAGACTTGATTTTGAACACAAGCAGTACTCTGCCCCCCACAGGAAA  
 TGTACCAGGGAGACAACCATTGCTGTGGTCACCACCACCAATCTTTACCGTCTGATCAAGTACCCTT  
 GTGATGACCAACAGGAAGTTGAGGCAATATTCTTGGTCATCTTGGTAGTTGTCAATAAGGAGAAATTT  
 TCAGTGCCTCTTCTGTACGATCGTAGACACAGTAACCTCCAGTACCTGGGAAAACACCAGATCGCTA  
 TGGGCTCCAGCGCATGTGGGGCTCCCTGGGCTGGGGCTGGCCATGCTGTCTGTGGGCATTGGGATTGAC  
 TACTCATATAGATGTTCTCATTGATGGGAAGGGGTGAAGCCCCCGAATACCGAACTACCAGATCG  
 TTTTCATCGTCTTTGGAGTTCTCATGACCATGGCCCTGATCGTTGCCACTCAGTCCGGTCCGCTACAA  
 CCACTTCAACAATAGTGATGGCAAAGGAAAGAGATGGAGATCCACAGGTGGAAAGGGACAACCTCACA  
 GAGTCTCCGAAGAGACTCCAAGTCTGCCACTACTCGCAGGCTTTCAACTTCTGGGACTTGATCAAGC  
 TGCTGTGTAGTGTGAGTATGGCTCGGTGCTGTTTGTGGCCTGGTTTCATGGGTTTTGGTACGGCTTTGT  
 GTTACCTTTCTACTGGCATCTGGAAGATCTAAATGGAAGTACTACCTTTTTGGGGTCTGTTACGTC  
 CTGAGTCACGTGTCGAGTTGACTGCTTACTTCTCAGCCACAAGCTTATTGAGTTGATTGGCCACATCA  
 GGGTTTTGTACATTGGCCTGGCCTGTAATACAGCTCGTACATTTACATTTCTACCTGGAAAATGCCTG  
 GACTGTCTCCCTATGGAAGTTCTCAAGGCGTCACGCACGCAGCCATCTGGGCAGCGTGCATCTCTTAC  
 CTCAGTGTGCTGTCCCCCTGAGCTGAGGACTTCTGCACAAGGAATCCTGCAAGGCCTTCATCTGGGTC  
 TGGGGAGAGGATGTGGTGCCATGATCGGAGGCGTGTGGTCAATATTTGGGGCTGCTGCAACCTCCG  
 AGGGATTGGCATGGCTTGCTGGTATCCTCCTGCTCTTCGCCCTGATCCAGTGGCTGGCAGTGCCTGAT  
 GAGGAAGAAGATAAGACGATGTTGGCAGAAAGGATTCTGTTCCCTCTAGTCTGTTCCCATAGCAACTA  
 TCGACCTGGTACAGCAACAGACAGAAGATGTATGCCACACATTGAGGCCAGACTCCGCCCAAAAAAAC  
 CAAGCACCAGGAAGAGCAGGAAGATGTGAACAAACCTGCCTGGGGGTGAGCTCTTCTCCTTGGGTAACC  
 TTTGTCTATGCGCTCTACCAAGTTAAAGAGCTGATGCGACTGACAAGAGACAGCCGCGTCTTGAGATAC  
 AACCTTTACAGGGGATCCATGAGAATCGGAAGTCTCTCCAGCTGGTGGAGCCCAATGTGCTCCACATGA  
 AACTCACTCCGACTCACCTAGAAACCAGCTATCCCCTGACACAGCAGCATCTCAAATGCAGTCCAGCCCT  
 GCTCACCTAGTGCCACCCACATGGACAGGAGAGTGGACAACAGCAGACTCAGCCAACGTGGGAGAAC  
 ACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001106911  
**Insert Size:** 2385 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106911.1</a></u> , <u><a href="#">NP_001100381.1</a></u>
<b>RefSeq Size:</b>	4840 bp
<b>RefSeq ORF:</b>	2385 bp
<b>Locus ID:</b>	301388
<b>Cytogenetics:</b>	9q22