

Product datasheet for **RG232650**

MFSD11 (NM_001242537) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MFSD11 (NM_001242537) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: MFSD11
Synonyms: ET
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG232650 representing NM_001242537
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCCCGGAATCTAAAAAGCTTTTCAACATCATTATTTAGGAGTTGCCTTTATGTTTATGTTCACTG
 CCTTTCAAACCTGTGGAAATGTGGCGCAAACCTGTCATCAGGAGCTTAAATAGGACAGATTTTACGGCAG
 TGGATATACCAGCATGGCTATTATCTATGGAGTGTCTCTGCTTCAAATTTGATTACACCGTCAGTGGTT
 GCCATTGTAGGACCTCAACTCTCTATGTTTCCAGTGGTTTATTTACAGCATGTACATTGCCGTTTTCA
 TCCAGCCTTTCCCGTGGTCTTCTACACAGCCTCTGTTTTATTGGAATTGCTGCTGCTGAGAGTGACCG
 AAGAACAGTGTATTGTCCTAACGGTGATTAGCCTTGTGGGACAGTCTATTCTTTCTCATTCCGAAA
 CCAGATTCTGAAAATGTCTAGGAGAAGATGAGTCTTCTGATGACCAGGACATGGAAGTCAACGAGTCTG
 CCCAGAACAATCTGACAAAGGCAGTAGATGCTTTTAAAAAGTCTTTTAAAGTTATGTGTCACCAAGGAGAT
 GCTCCTCTTAGTATTACAACCTGTTATACAGGTCTGGAATTAACCTTTCTCTGGTGTATATGGAACC
 TGTATTGGTGCTACAAATAAATTTGGAGCAGAAGAGAAAAGCCTTATTGGACTTTCTGGCATTTCATCG
 GCATTGGAGAAATTTTAGGTGGAAGCCTTTCGGCCTGCTGAGCAAGAACAATCGTTTTGGTAGAAATCC
 AGTTGTGCTGTTGGGCATCCTGGTGCACCTCATAGCTTTTATCTAATATTTCTCAACATGCCTGGAGAT
 GCCCGGATTGCTCCTGTTAAAGGAACCTGACAGCAGTGTCTTACATCAAATCCAGCAAAGAAGTTGCCATTC
 TCTGCAGTTTTCTGTTGGCCTTGGAGACAGCTGCTTTAATACCCAGCTGCTTAGTATCTTGGGCTTTCT
 GTATTCTGAAGACAGCGCCCGCAGCATTTGCCATCTTCAAGTTTGTTCAGTCTATTTGCGCAGCCGTGGCA
 TTTTTCTACAGCAACTACCTTCTCCTTCACTGGCAACTCCTGGTCATGGTGATATTTGGGTTTTTTGGAA
 CAATTTCTTTCTCACTGTGGAATGGGAAGCTGCCGCCTTTGTAGCCCGGCTCTGACTACCGAAGTAT
 C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232650 representing NM_001242537
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MSPESKKLFNIIILGVAFMFMFTAFQTCGNAQTIVIRSLNRTDFHSGSYTSMIIYGVFSASNLITPSV
 AIVGSQLSMFASGLFYSMYIAVFIQPPWSFYTASVFIGIAAAESDRRTVFIALTVISLVGTVLFLLIRK
 PDSENVLGEDESSDDQDMEVNESAQNLLTKAVDAFKKSFKLCVTKEMLLLSITTAYTGLELTFSSGVYGT
 CIGATNKFGAEEKSLIGLSGIFIGIGEILGGSFLGLLSKNNRFRGNPVLGILVHFIAFYLIIFLNMPGD
 APIAPVKGTDSSAYIKSSKEVAI LCSFLLGLGDSFCNTQLLSILGFLYSEDSAPAF AIFK FVQSICAAVA
 FFYSNYLLLHWQLLVMVIFGFFGTISFFTVEWEAAAFVARGSDYRSI

TRTRPLE - GFP Tag - V

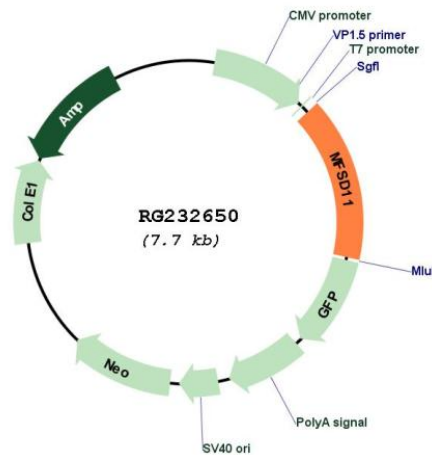
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001242537

ORF Size:	1191 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001242537.2
RefSeq Size:	2643 bp
RefSeq ORF:	1194 bp
Locus ID:	79157
UniProt ID:	O43934
Cytogenetics:	17q25.1-q25.2
Protein Families:	Transmembrane