

Product datasheet for **RG232649**

MFSD11 (NM_001242536) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFSD11 (NM_001242536) 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:	>RG232649 representing NM_001242536 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCCCGGAATCTAAAAAGCTTTTCAACATCATTATTTTAGGAGTTGCCTTTATGTTTATGTTCACTG
CCTTTCAAACCTGTGGAAATGTGGCGCAAACCTGTCATCAGGAGCTTAAATAGGACAGATTTTCACGGCAG
TGGATATACCAGCATGGCTATTATCTATGGAGTGTCTCTGCTTCAAATTTGATTACACCGTCAGTGGTT
GCCATTGTAGGACCTCAACTCTCTATGTTTCCAGTGGTTTATTTACAGCATGTACATTGCCGTTTTCA
TCCAGCCTTTCCCGTGGTCTTCTACACAGCCTCTGTTTTATTGGAATTGCTGCTGCTGAGAGTGACCG
AAGAACAGTGTATTGCCCCTAACGGTGATTAGCCTTGTGGGACAGTCTATTCTTTCTCATTCCGAAA
CCAGATTTCTGAAAATGTCTAGGAGAAGATGAGTCTTCTGATGACCAGGACATGGAAGTCAACGAGTCTG
CCCAGAACAACTGACAAAGGCAGTAGATGCTTTTAAAAAGTCTTTTAAAGTTATGTGTCACCAAGGAGAT
GCTCCTCTTAGTATTACAACCTGCTTATACAGTCTGGAATTAACCTTTCTCTCTGGTGTATATGGAACC
TGATTGGTGCTACAAATAAATTTGGAGCAGAAGAGAAAAGCCTTATTGGACTTTCTGGCATTTCATCG
GCATTGGAGAAATTTTAGGTGGAAGCCTTTCGGCCTGCTGAGCAAGAACAATCGTTTTGGTAGAAATCC
AGTTGTGCTGTTGGGCATCCTGGTGCACCTCATAGCTTTTATCTAATATTTCTCAACATGCCTGGAGAT
GCCCGATTGCTCCTGTTAAAGGAACCTGACAGCAGTGTACATCAAATCCAGCAAAGAAGTTGCCATTC
CTGCAGTTTTCTGTTGGCCTTGGAGACAGCTGCTTTAATACCCAGCTGCTTAGTATCTTGGGCTTTCT
GTATTCTGAAGACAGCGCCCGCAGCATTTGCCATCTTCAAGTTTGTTCAGTCTATTTGCGCAGCCGTGGCA
TTTTTCTACAGCAACTACCTTCTCCTTCACTGGCAACTCCTGGTCATGGTGATATTTGGGTTTTTTGGAA
CAATTTCTTTCTCACTGTGGAATGGGAAGCTGCCGCCTTTGTAGCCCGGCTCTGACTACCGAAGTAT
C

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG232649 representing NM_001242536
 Red=Cloning site Green=Tags(s)

MSPESKKLFNIIILGVAFMFMFTAFQTCGNAQTIVIRSLNRTDFHSGSYTSMIIYGVFSASNLITPSV
 AIVGPQLSMFASGLFYSMYIAVFIQPPWSFYTASVFIGIAAAESDRRTVFIALTVISLVGTVLFLLIRK
 PDSENVLGEDESSDDQDMEVNESAQNLLTKAVDAFKKSFKLCVTKEMLLLSITTAYTGLELTFSSGVYGT
 CIGATNKFGAEEKSLIGLSGIFIGIGEILGGSFLGLLSKNNRFRGNPVLGILVHFIAFYLIIFLNMPGD
 APIAPVKGTDSSAYIKSSKEVAI LCSFLLGLGDSFCNTQLLSILGFLYSEDSAPAF AIFK FVQSICAAVA
 FFYSNYLLLHWQLLVMVIFGFFGTISFFTVEWEAAAFVARGSDYRSI

TRTRPLE - GFP Tag - V

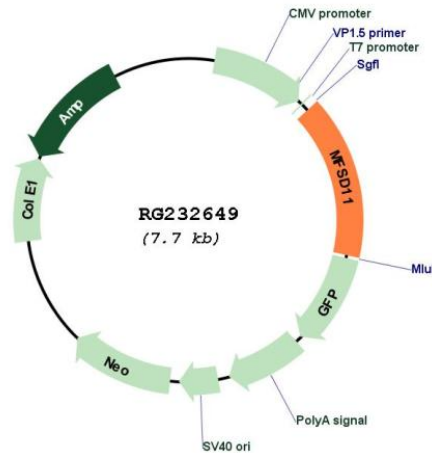
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001242536

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_001242536.2
RefSeq Size:	2832 bp
RefSeq ORF:	1194 bp
Locus ID:	79157
UniProt ID:	O43934
Cytogenetics:	17q25.1-q25.2
Protein Families:	Transmembrane