

Product datasheet for **RC232650**

MFSD11 (NM_001242537) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: MFSD11 (NM_001242537) Human Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: MFSD11
 Synonyms: ET
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RC232650 representing NM_001242537
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTC**CCCGGAATCTAAAAAGCTTTTCAACATCATTATTTTAGGAGTTGCCTTTATGTTTATGTTCACTG**
CCTTTCAAACTTGTGGAAATGTGGCGCAA**ACTGTCATCAGGAGCTTAAATAGGACAGATTTTCACGGCAG**
TGGATATACCAGCATGGCTATTATCTATGGAGTGTCTCTGCTTCAAATTTGATTACACCGTCAGTGGTT
GCCATTGTAGGACCTCACTCTCTATGTTTGCCAGTGGTTATTTTACAGCATGTACATTGCCGTTTTCA
TCCAGCCTTTCCCGTGGTCTTCTACACAGCCTCTGTTTTATTGGAATTGCTGTGCTGAGAGTGACCG
AAGAACAGTGTATTGCCCTAACGGTGATTAGCCTTGTGGGACAGTCTATTCTTTCTCATTCCGAAA
CCAGATTCTGAAAATGTCCTAGGAGAAGATGAGTCTTCTGATGACCAGGACATGGAAGTCAACGAGTCTG
CCCAGAACAATCTGACAAAGGCAGTAGATGCTTTTAAAAAGTCTTTAAGTTATGTGTACCAAGGAGAT
GCTCCTTCTTAGTATTACAACTGCTTATACAGGTCTGGAATTAACCTTCTCTGGTGTATATGGAACC
TGTATTGGTGTACAAAATAAATTTGGAGCAGAAGAGAAAAGCCTTATTGGACTTTCTGGCATTTCATCG
GCATTGGAGAAAATTTAGGTGGAAGCCTCTTCGGCCTGCTGAGCAAGAACAATCGTTTTGGTAGAAATCC
AGTTGTGCTGTTGGGCATCCTGGTGCACCTCATAGCTTTTTATCTAATATTTCTCAACATGCCTGGAGAT
GCCCCGATTGCTCCTGTTAAAGGAAGTACAGCAGTGTACATCAAATCCAGCAAGAAGTTGCCATTC
TCTGCAGTTTTCTGTTGGCCTTGAGACAGCTGCTTAAATACCCAGCTGCTTAGTATCTTGGGCTTCT
GTATTCTGAAGACAGCGCCCGCAGCATTGCCATCTTCAAGTTTGTTCAGTCTATTTGCGCAGCCGTGGCA
TTTTTCTACAGCAACTACCTTCTCTTCACTGGCAACTCTGGTCATGGTATATTTGGGTTTTTTGGAA
CAATTTCTTCTTCACTGTGGAATGGGAAGCTGCCGCTTGTAGCCCGGCTCTGACTACCGAAGTAT
C

ACGCGTACGCGGCCGCTCGAGCAGAA**ACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC232650 representing NM_001242537
 Red=Cloning site Green=Tags(s)

MSPEskklfNIIILGVAFMFMFTAFQTCGNAQTvirSLNRTDFHGSGYtSMaIIYGVfSASNLITPSVv
 AIVGpQLSMfASGLfYSMyIAVFIQPPWsfYtASVFIgIAAAESDRrtVfIALTVISLVGTvLFFLIrK
 PDSENVLGEDESSDDQdMEVNESAQNnLTKAVDAfKkSfKLCVtKEMLLLSITTAYtGLELTFfSGVYGT
 CIGATNkFGAEeKSLIGLSGIFIGIGEILGGSfLgLLSKNNRfGRNPVvLLGILVHFIAfYLIflNMPGD
 APIAPVKGtDSSAYIKSSKEVAIlCSfLLGLGDSCfNTQLLSILGfLYSEDSAPAFaIFkFVQsICAAVA
 FFYSNYLLLHWQLLVMVIFGFFGTISffTVEWEAAAFVARGSDYRSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

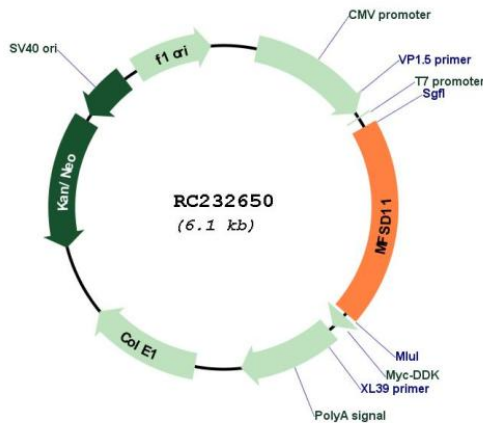
Restriction Sites:

SgfI-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
MW:	43.8 kDa