

## Product datasheet for RC232649

### MFSD11 (NM\_001242536) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MFSD11 (NM_001242536) 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:	>RC232649 representing NM_001242536 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTCCCCGGAATCTAAAAAGCTTTTCAACATCATTATTTAGGAGTTGCCTTTATGTTTATGTTCACTG  
CCTTTCAAACCTTGGAATGTGGCGCAAAGTGCATCAGGAGCTTAAATAGGACAGATTTTACCGGCAG  
TGGATATACCAGCATGGCTATTATCTATGGAGTGTCTCTGCTTCAAATTTGATTACACCGTCAGTGGTT  
GCCATTGTAGGACCTCACTCTCTATGTTTGCCAGTGGTTATTTTACAGCATGTACATTGCCGTTTTCA  
TCCAGCCTTTCCCGTGGTCTTCTACACAGCCTCTGTTTTATTGGAATTGCTGTGCTGAGAGTGACCG  
AAGAACAGTGTATTGCCCACCGGTGATTAGCCTTGTGGGACAGTCTATTCTTTCTCATTCCGAAA  
CCAGATTCTGAAAATGCTTAGGAGAAGATGAGTCTTCTGATGACCAGGACATGGAAGTCAACGAGTCTG  
CCCAGAACAATCTGACAAAGGCAGTAGATGCTTTTAAAAAGTCTTTAAGTTATGTGTACCAAGGAGAT  
GCTCCTTCTTAGTATTACAACCTGCTTATACAGGTCTGGAATTAACCTTCTCTCTGGTGTATATGGAACC  
TGTATTGGTGCTACAAAATAAATTTGGAGCAGAAGAGAAAAGCCTTATTGGACTTTCTGCCATTTTCATCG  
GCATTGGAGAAAATTTAGGTGGAAGCCTCTTCGGCCTGCTGAGCAAGAACAATCGTTTTGGTAGAAATCC  
AGTTGTGCTGTTGGGCATCCTGGTGCACCTCATAGCTTTTTATCTAATATTTCTCAACATGCCTGGAGAT  
GCCCGATTGCTCCTGTTAAAGGAAGTACAGCAGTGTACATCAAATCCAGCAAGAAGTTGCCATTC  
TCTGCAGTTTTCTGTTGGCCTTGAGACAGCTGCTTTAATACCCAGCTGCTTAGTATCTTGGGCTTTCT  
GTATTCTGAAGACAGCGCCCGCAGCATTTGCCATCTTCAAGTTTGTTCAGTCTATTTGCGCAGCCGTGGCA  
TTTTTCTACAGCAACTACCTTCTCTTCACTGGCAACTCTGGTCATGGTATATTTGGGTTTTTTGGAA  
CAATTTCTTTCTACTGTGGAATGGGAAGCTGCCGCTTTGTAGCCCGGCTCTGACTACCGAAGTAT  
C

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC232649 representing NM\_001242536  
 Red=Cloning site Green=Tags(s)

MSPEskklfNIIILGVAFMFMFTAFQTCGNAQTvirSLNRTDFHGSGYtSMaIIYGVfSASNLITPSVv  
 AIVGpQLSMfASGLfYSMyIAVFIQPPWsfYtASVFIgIAAAESDRrtVfIALTVISLVGTvLFFLIrK  
 PDSEnVLGEDESSDdQDMEVNESAQNNLTKAVDAfKkSfKLCVtKEMLLLSITTAYtGLELTFfSGVYGT  
 CIGATNkFGAEeKSLIGLSGIFIGIGEILGGSfLGLLSkNNRfGRNPVLLGILVHFIAfYLIflNMPGD  
 APIAPVKGtDSSAYIKSsKEVAIlCSfLLGLGDSCfNTQLLSILGfLYSEDSAPAFaIFkFVQsICAAVA  
 FFYSNYLLLHWQLLVMVIFGffGTISffTVEWEAAAFVARGSDYRSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

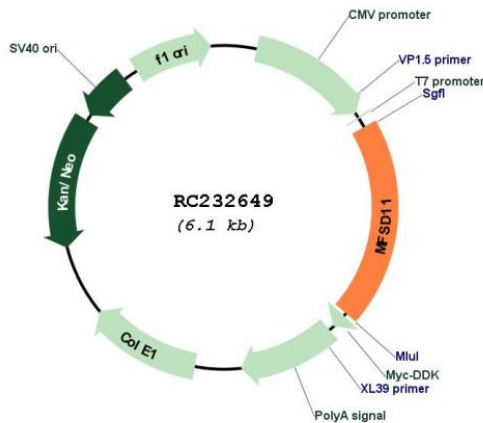
**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001242536

<b>ORF Size:</b>	1191 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001242536.2</a>
<b>RefSeq Size:</b>	2832 bp
<b>RefSeq ORF:</b>	1194 bp
<b>Locus ID:</b>	79157
<b>UniProt ID:</b>	<a href="#">O43934</a>
<b>Cytogenetics:</b>	17q25.1-q25.2
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	43.8 kDa