

Product datasheet for **SC103914**

MFSD9 (NM_032718) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFSD9 (NM_032718) Human Untagged Clone
Tag:	Tag Free
Symbol:	MFSD9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC103914 sequence for NM_032718 edited (data generated by NextGen Sequencing)

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ATGGAGCTTGGGGTCACTGGGACATGAACTCGGCCCCGAGGCTGGTCTCGGAGACCGCA
GAGCGGAAACAGGAGCAGAAGACAGGAACCGAGGCGGAGGCTGCCGACTCCGGTGCCGTC
GGAGCCCCCGCTTCTGCTCTGCTCTACTTGGTGGGCTTCTTGATTGTTTGGTGTC
AGCATGGTTGTGCCTTTATTGAGCCTTCATGTCAAGTCCCTTGGAGCAAGTCCAACAGTT
GCTGGAATAGTAGGCTCCTCCTATGGCATTGTCGCAACTCTTTCTAGCACATTGGTGGC
TGCTGGAGCGATGTAGTGGGAAGACGGTCTTCTTGGTGGCATGCATTCTACTCAGTGCT
CTGGGCTATCTCCTTCTCGGAGCAGCCACCAATGTGTTTCTGTTTGTCTGGCTAGAGTC
CCGGCAGGTATTTTAAACACACTCTCTCCATCTCAAGGGCTCTACTTTCTGATGTGGT
CCAGAGAAGGAACGGCCGCTTGAATCGGACACTTCAACACAGCCTCCGGTGTGGGCTTC
ATCTTGGGCCCCGTGGTGGTGGCTATCTCACTGAATTAGAGGATGGGTTTTATCTACA
GCCTTCATCTGCTTTTTGGTCTTCACTCAATGCTGGTCTCGTTTGGTCTTTCCATGG
AGGGAAGCAAAACCGGGCAGTACAGAGAAGGGCCTGCCATTGCGAAAGACCCATGTGCTG
TTGGGAAGGAGCCATGACACAGTGCAGGAGGCAGCCACCAGCCGAGAGCCAGGGCCAGC
AAGAAGACTGCCAGCCCTGGGTGGAAGTAGTGTGGCCTTGCAGAACATGAAGAACCTG
CTGTTTTCCGAAATGTGGGACATATTTCTGGTGCCTTGTGATGGCCATGGCAGTCATG
CTGTACTACAGTAACTTTGTCTGGCCCTGGAGGAGCGCTTTGGGGTGGCCCAAGGTG
ACAGGCTACCTCATCAGTTACAGCAGCATGCTGGGGGCGTGGCCGGCCTTGCCCTGGGG
CCAATCTACGGCTGTACAAGCAAACTCGCAGGCACTGCTGCTGCATTCCAGCATACTC
ACCTGCACACTGCTGCTCTACTCCTTGGCCCCCACCATTGGGTGCAGTTGTCTCTCC
TCCACTCTCCTGCTCTTCTCACTGCCATTGGCAGGACGTGCATCACGGACCTCCAGCTG
ACTGTGGGCGGGGCCAGGCCAGCGGCACCTTATTGGCGTGGGGCAGTCTGTGACTGCA
GTGGGCCGCATCATGCCCTCTCCTCTCGGGGGTTGCCAGGAGGTGAGCCCTTGGCGC
CCCCCAGCCTGGGTGCTGTGTTAGCCTTAGTGCCATTTTCATAATGTCTCTAAACAAG
CGACACTCTAGTGGTGATGGGAATAGTAAATAAAAAGTGAGTAG
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Clone variation with respect to NM_032718.3
1335 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032718 unedited

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CGAATTCGGCACCAAGCGGCTGCTGCTGCCGACCCCGGCCGGCGCGGGTATGGAGC
TTGGGGGTCACTGGGACATGAACTCGGCCCCGAGGCTGGTCTCGGAGACCGCAGAGCGGA
AACAGGAGCAGAAGACAGGAACCGAGGCGGAGGCTGCCGACTCCGGTGCCGTGGAGCCC
GCCGCTTCTGCTCTGCTCTACTTGGTGGGCTTCTTGATTGTTTGGTGTGAGCATGG
TTGTGCCTTTATTGAGCCTTCATGTCAAGTCCCTTGGAGCAAGTCCAACAGTTGCTGGAA
TAGTAGGCTCCTCCTATGGCATTGTCGCAACTCTTTCTAGCACAATTGGTGGGCTGCTGG
AGCGATGTAGTGGGAAGACGGTCTTCTTGGTGGCATGCATTCTACTCAGTGCTCTGGGC
TATCTCCTTCTCGGAGCACCACCAATGTGGTTCCTGTTTGTCTGGCTAGAGTCCCCGGC
AGGTATTTTAAACACACTCTCTCCATCTCAAGGGCTCTACTTCTGGAATGTGGTTCAAG
AAAAAGAACGGCCGCTTGAATCGGACACTTAACACACTNCCGGGGGGTGGCTTCATCTT
GGCCCCNCGGGNCGGTGGCTATCTACTGATTGANGAGGAAGGGGTTTATCTCACAGC
CTTCATTGTTTTTTTGGGCTCATTCTCATGCGGNCTCNNNNTTGGGTTCTTCCAATGGA
AGGGAAGCAAAACCGGCAGACANANAAAAGGCCCTGCATTGCGAAGAACATGGCCTGTTG
GGGAGGGAGC
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_032718 unedited <pre> GCCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTACAATTATAAGTTTTTA TTTTTGAAGAAAATTATCATGTGACTGGCAAATCAAGAAAAAACATTAGAGCTGAAAA AAATTATTTTAATCCATCAACCTGTTCCAAGAAAAGCTGCTACACATCATCCTGGCTAAA TCTGTGGTAACCTGTTTTAGAGACTTCTTGAAGGCTACTAGGGGGCAAAGAGGCATGGA GATTCAGTCTCATGGCTTTTATTATGCATTCAAATAAATAGCTGTTTTCTGAATGCAGT TGCCCAAATGCCTAAAAATTTTCTGACTGGACTGATTCTCACTCCTGATAGATTTCTAAAT ACCTTATAGAAGTGTCTTCAGGAAAAGACGCCAAGCAACCCTTTGAAATTCCTCAAAGCT GCACACTCATCCTGGGAATTATTCACAACTCTCCTGCGATTGCCCTGTGGGCCACAA CCTCTGCCTGCTGCCCTGTCTCGCGACCAGCTCTCCCTCAGGGCCCCCTAAAGTTAC TGCCCCAAAGTCCAGACTACTCCTTGGGCTCCAGTTAATCCTCCTTGCTGCGGCTAGAG AGCTCTTTCTAAACAGGAGTGCCTTTACAGCATTTTACCGCAGGAATTCTTGCGTGATC TTCCTTTATCCGCCAATACCTTCTTACCCACCTTGGTACCCGAATCCTTCTCGACCCAC CTCAGGATTCCCACTCCCATGCCCCAGAACTTTGTTGGGCTTACCACCTCGTACCTGG GCCCAAGCCTGGTCTTGGTTCCCAAATCCAGTTTCTCCTTCTGCGGGCCCCAGCGCA CCTTTTGTAAATCCTCTCCCGCGGGCTCAATCACCCCGCCTTAACCCTTACCGTGCAAA TTAATATAAAGTCCCCGACCCTCTCCACCGCCCTCTATTCTTAATCCCGCGCCCTGACC CCCCTCCCGCTTTTTACCCCCATCCACCAAATAT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032718
Insert Size:	5700 bp
OTI Disclaimer:	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).
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:	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:	<u>NM_032718.2</u> , <u>NP_116107.2</u>
RefSeq Size:	2682 bp
RefSeq ORF:	1425 bp
Locus ID:	84804
UniProt ID:	<u>Q8NBP5</u>
Cytogenetics:	2q12.1
Domains:	sugar_tr

Protein Families: Transmembrane