

Product datasheet for SC327540

MFSD10 (NM_001146069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MFSD10 (NM_001146069) Human Untagged Clone
Tag:	Tag Free
Symbol:	MFSD10
Synonyms:	TETTRAN; TETTRAN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC327540 representing NM_001146069. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGGATGGGAGGGGGTGGAGGCTGCACCCCGCGCCACCCATCCACCAGCAGCCCGGAGCGCCGC
 GTGGTCACCGTTGTCTTCTCGGCCTCTGCTGGACCTCTGGCCTTCACGCTGCTGCTGCCCTGCTG
 CCCGGGCTGTTGGAGAGCCACGGCCGTGCCACGACCCCTCTATGGCTCCTGGCAGGGCGGGGTGGAC
 TGGTTTGCACCGCCATCGGGATGCCAGTGGAGAAGAGGTACAACAGTGTCTGTTTCGGAGGTCTCATT
 GGCTCGGATTCTCTGTCTGCAGTTTCTGTGTGCGCCACTCACTGGGGCCACCTCTGACTGCTTGGGG
 AGGCGCCCGGTGATGCTGCTGTGCCTGATGGGTGTGGCCACCTCATATGCAGTCTGGGCCACCTCTCGG
 AGCTTTGCGGCCCTTCTGGCCTCCAGGCTGATTGGGGGCATCAGCAAAGGGAACGTGAGCCTCTCCACG
 GCCATCGTTGCTGACCTGGGCTCGCCTCTGGCCCGCAGTCAAGGCATGGCGGTGATTGGGGTGGCCCTT
 TCACTGGGCTTACCCCTGGGCCCTATGCTCGGAGCCTCCCTGCCCTGGAAATGGCACCCCTGGTTTGCC
 CTGCTCTTCGACGCTCCGACCTGCTGTTTCATCTTCTGCTTCTGCCAGAGACGCTGCCCTGGAGAAA
 CGGGCGCCCTCTATCGCCCTGGGGTCCGTGATGCGGCTGATCTGCTCAGCCCCCTGGCCCTGCTGCGC
 TTCTCGGCTGTCGCTCGTGGCCAGGACCCACCTCTGGAGACAGGCTCAGCAGCTGCGCCGCTGGGC
 CTAGTCTACTTCTCTACCTCTTCTGTTCTCGGGCTGGAGTACACGCTGAGCTTCTCACACACCAG
 CGCTTCCAGTTCCAGTACCTACAGCAGGGGAAGATGTTTTCTCATCGGCCTCACCATGGCCACCATC
 CAGGGTGCTATGCCCGCGGATCCACCTGGCGGGGAAGTTGCTGCCGTGAAGCGGGCCCTCTGCTG
 CTGGTGCCCGCCTTCTCTCATCGGCTGGGGACGTTCTCTGCCGTGCTGGGCCTGGGGCTGCTGCTC
 TACTCCTTTGCCGCCCGGTTGTGGTGCCCTGCCTGTCTCCGTGGTGGTATGGCTCACCAGGG
 CAGAAGGGCACGGTCATGGGTACACTGCGCAGCCTAGGTGCTCTGGCCAGGGCGCGGGGCCCTGGTG
 GCCGCTTCAGTGTACTGGCTGGCCGGGGCCAGGCCTGCTTACCACGTGGTCCGGGCTCTTTTGTCT
 CCCTTCTCTCTCTGCAGAAGCTGAGTTACCCGGCACAGCGCTCAAGGCTGAG**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTAAACGGCCGGC


[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001146069
Insert Size:	1368 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001146069.1</u>
RefSeq Size:	1767 bp
RefSeq ORF:	1368 bp
Locus ID:	10227
UniProt ID:	<u>Q14728</u>
Cytogenetics:	4p16.3
Protein Families:	Transmembrane
MW:	48.3 kDa
Gene Summary:	This gene encodes a member of the major facilitator superfamily of transporter proteins. The encoded protein likely functions in efflux of organic anions, including the non-steroidal anti-inflammatory drugs indomethacin and diclofenac. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform (a).