

Product datasheet for **SC107396**

MFSD4 (MFSD4A) (NM_181644) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | MFSD4 (MFSD4A) (NM_181644) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | MFSD4 |
| Synonyms: | MFSD4; UNQ3064 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL6</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene ORF within SC107396 sequence for NM_181644 edited (data generated by NextGen Sequencing)

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ATGGGCTGCGACGGCCGCGTGTGCGGGCTGCTCCGCCGCAACCTGCAGCCCACGCTCACC
TACTGGAGCGTCTTCTTTCAGCTTCGGCCTGTGCATCGCCTTCTGGGGCCACGCTGCTG
GACCTGCGCTGTGACAGCAGCTCGCTGCCAGATCTCTGGGTCTTCTTCTCGCAG
CAGCTCTGCTCTGTGGCAGCGCCCTCGGGGGCGTCTTCAAAGGACCCTGGCCACAG
TCACTATGGGCCCTGTTACCTCTCTCTGCCCATCTCCCTGGTGTGGCCGTCATCCCC
TTCTGCCGCGACGTGAAGGTGCTGGCCTCAGTCATGGCGCTGGCGGGCTGGCCATGGGC
TGCATCGACACCCTGGCCAACATGCAGCTGGTAAGGATGTACCAGAAGGACTCGGCCGTC
TTCCTCCAGTGCTCCATTTCTTCTGTTGGTCTGCTGAGCCCCCTTATTGCT
GACCCCTTCTGTCTGAGGCCAACTGCTTGCCTGCCAATAGCACGGCCAAACACCCTCC
CGAGGCCACCTGTTCCATGTCTCCAGGGTGTGGGCCAGCACCAGTAGATGCCAAGCT
TGGTCCAACCAGACGTTCCAGGGCTGACTCAAAGGACGGGGCAGGGACCCGAGTGTC
TATGCCTTCTGGATCATGGCCCTCATCAATCTTCCAGTGGCCATGGCTGTGCTGATGCTG
CTGTCCAAGGAGCGGCTGCTGACCTGCTGTCCCAGAGGAGGCCCTGCTTCTGTCTGCT
GATGAGCTTGCCCTGGAGACACAGCCTCCTGAGAAGGAAGATGCCTCCTACTGCCCCCA
AAGTTTACAGTCACACCTAGGGCATGAGGACCTGTTCCAGCTGCTGCCAAAGGAAGAACCTC
AGAGGAGCCCTTATTCTTCTTTGCCATCCACATCACGGGCGCCCTGGTACTGTTTCATG
ACGGATGGGTTGACGGGTGCCTATTCCGCCTTCGTGTACAGCTATGCTGTGGAGAAGCCC
CTGTCTGTGGGACACAAGGTGGCTGGCTACCTCCCCAGCCTTCTTGGGGCTTATCACA
CTGGGCCGGCTCCTCTCCATTCATATCCTCAAGAATGAAGCCGGCCACCATGGTTTTTC
ATCAACGTGGTTGGCGTGGTGGTACGTTTCTGGTGTGCTTATTTTCTCTACAACGTC
GTCTTCTGTTCTGTTGGGACGGCAAGCCTGGGCCTGTTTCTCAGCAGCACCTTCCCAGC
ATGCTGGCTACACGGAGGACTCGCTGCAGTACAAGGCTGTGCAACCACAGTGTGGTG
ACAGGGGACAGGATTGGCGAGATGGTGTGCAGATGCTGGTTGGTTTCGATATTCCAGGCT
CAGGGCAGCTATAGTTTCTGGTCTGTGGCGTATCTTTGGTTGTCTGGCTTTTACCTTC
TATATCTGTCTCTGTTTTTCCACAGGATGCACCCTGGACTCCCATCAGTTCCTACCCAA
GACAGATCAATTGGAATGGAAAACCTCTGAGTGCTACCAGAGGTAA
    
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Clone variation with respect to NM_181644.4

5' Read Nucleotide Sequence: >OriGene 5' read for NM_181644 unedited

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TTTTTCCCCCGCCGTTGNCGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAA
GCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCG
CGAATTCGGCAGCAGGAGATCCGCGAGCCCGTCAGCCTGCGCCATGGGTGCGACGGCC
GCGTGTGCGGGCTGCTCCGCCAACCTGCAGCCACGCTCACCTACTGGAGCGTCTTCT
TCAGCTTCGGCCTGTGCATCGCCTTCTGGGGCCACGCTGCTGGACCTGCGCTGTCAGA
CGCACAGCTCGCTGCCAGATCTCCTGGGTCTTCTTCTCGCAGCAGCTGCTCCTCTGC
TGGGCAGCGCCCTCGGGGGCGTCTTCAAAGGACCCTGGCCAGTCACTATGGGCCCTGT
TCACCTCTCTGGCCATCTCCCTGGTGTGGCCGTCATCCCCTTCTGCCGCGACGTGA
AGGTGCTGGCCTCAGTCATGGCGCTGGCGGGCTTGGCCATGGGCTGCATCGACACCGTGG
CCAACATGCAGCTGGTAAGGATGTACCAGAAGGACTCGGCCGCTTCTCCAGGTGCTCC
ATTTCTTCTGTTGGTCTGCTGAGCCCCCTTATTGCTGACCCTTCTCTGTCTG
AGGCCAACTGCTTGCCTGCCAATAGCACGNCAACCACACCCTCCCGAGCCACCTGTTT
CATGTCTCCAGGGTGTGGGCCAGCACCAGTAGATGCCAAGCCTTGGTCCAACCAGACG
TTCCCAGGGCTGACTCAAAGGACGGNGCAGGNACCCGAGTGCCCTATGCCTTTCTGGAT
CCATGCCCTAATCAATCTTCCAGTGCCATGCCTGTGCTGAAGCTGNTGTCCAAGAACG
CTTGCTGACTGCTGTCCCAAGGAGGCCCTGCTTGTGTTGTT
    
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Restriction Sites: NotI-NotI
ACCN: NM_181644

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| Insert Size: | 4000 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: | <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: | <u>NM_181644.2</u> , <u>NP_857595.2</u> |
| RefSeq Size: | 3347 bp |
| RefSeq ORF: | 1545 bp |
| Locus ID: | 148808 |
| UniProt ID: | <u>Q8N468</u> |
| Cytogenetics: | 1q32.1 |
| Protein Families: | Transmembrane |