

Product datasheet for **MC201660**

Mfsd10 (NM_026660) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd10 (NM_026660) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd10
Synonyms:	0610009O03Rik; Tetran
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023012 sequence for NM_026660
CACAGGTCCCAGCTGGGTAGGTGGGAAGCAAAGGTTTCGATATCGTGTGAGGAGGCCGAAGTGGTACACG
AACAGGAGCTCAGGGCGCCTACGACTCCCCAACCCAGGGATTCCCCTCTTCTCCCCGTTACCCGCTCACA
ACAGGGGGCGCCCTGACCACTGCGGCCCTGAGCTTACTGCTGCCCTAGGGTCGGAGCTTCCACCATGGGC
TGGGCAGGGGATGCGGGCTGTACGCCTCGTCCGCTATACGGCCTCGGCCCGCTCCGAGCGTCGCGTGA
TCATCGTGCTCTCTCTCGGCCTGCTACTCGACCTCCTGGCGTTCACGCTGTTGCTGCCTGTGCTGCTGG
GCTGCTGGAGAGACAGGCCCGCAACAAGACCCCTCTATGGCTCCTGGCAGCGTGGGGTAGACTGGTTT
GCTTCAGCCATCGGGATGCCAGCGGAAAAGAGGTACAACAGTGTCTGTTTCGGAGGTCTCATCGGCTCGG
CCTTCTCCCTCCTGCAGTTCTTCTCCGCACCACTCACAGGAGCTGCCTCTGATTACCTGGGGAGGCGCCC
AGTGATGATGTTGTCCTGACAGGTTTGGCCATCTCTATGCAGTGTGGGCTACCTCTCGGAGCTTAAAG
GCCTTCTTGGCCTCCAGGGTATCGGAGGCATCAGCAAGGGGAACGTTAACCTCTCCACAGCCATTGTGCG
CTGACCTGGGCTCACCTCAACCCGAGCCAAGGCATGGCAGTCATCGGGGTAGCCTTCTCTTGGCCTT
TACTCTGGGTCCCATGCTGGGAGCATTCTGTCTGTGAAATGGTGCCTGGATCAGCCTACTTTTTGCC
ATCTCCGACATGTTGTTTCTTCTGTTTCTTGGCAGAGACTGCCCCAGGAAAAGCGGGCATCTTCTG
TCACCCTGGGCTTCCACTGCTGCCACCTGCTCAGCCCCTGGCCCTGCTTCGCTTTGCGGCTGTAC
TCACAGTCAGGACCCGCCTGCTGAGCACAGACTCAGAACTTACGCCGTTTGGGTCTTGTCTACTTCTCT
TACCTTCTCTGTTCTCAGGCCTGGAGTACACACTCAGCTTCTGGCACATCAGCGCTTCCAGTTACGA
GCCTGCAGCAGGGCAAGATGTTTTTCTTTCATCGGCCTCACCATGGCCACCATACAGGGCACCTACGCCC
GCGGATCAGCCCTGGCAAGGAAGCTGCAGCTGTGACGAGGGCAATGCTGCTGCTAGTACCAGCCTTCTCT
TTAATTGGCTGGGCACACTCGCTGCCTACGTTGGGCTTGGGACTGATGCTCTACTCCTTTGCTGTGCTG
TTGTGGTGCCTGGTCTGTCCACCATGGTCTCCAGTTATGGTTCTCCAGGGCAAAAAGGCACAATCATGGG
CATACTGCGGAGCCTAGGCGCCCTAGGCAGGGCGTTGGGGCCGGTGGTGGCTGCCTCAGTGTACTGGCTG
ACTGGGGCCCAGGCTGCTTCACTGTGTGCTCGGCCCTTCTTCTGCTCCCCTTCTACTCTTGGGAAAGC
TGAAGCATCCAGCAGAGACTTCCAAGGAGGAGTAGCTGAGCTGCCACACCCCAACCCAGCTGTCTGGCTG
CCAGGTGGGAACCTGGGCCAGACCACTCAGCTCCTAGCACACTCCTCCACCCGGGCCAGGGAGGCTCG
CCACGCCCTCTCTCTGATGGCAACCCAGCAGGAAGCCTGGGCAGCTACACCCTTTTCTTACTCCA
AAACCTTTTAGGCTTCCAGAATTTTTTTTATATCTTATTCTTCTGAATGACCAAATAAAGCAGCTATTTT
GTACCAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_026660

Insert Size: 1371 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: [BC023012](#), [AAH23012](#)

RefSeq Size: 1903 bp

RefSeq ORF: 1371 bp

Locus ID: 68294

UniProt ID: [Q9D2V8](#)

Cytogenetics: 5 B2

Gene Summary: Confers cellular resistance to apoptosis induced by the non-steroidal anti-inflammatory drugs indomethacin and diclofenac. May act as an efflux pump (By similarity).[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All three variants encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.