

Product datasheet for **MC203959**

Mfsd6 (NM_133829) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd6 (NM_133829) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mfsd6
Synonyms:	2210010L05Rik; 9630025I22Rik; AI836200; AW212394; MMR2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC017534
 TGAACCTCCACTGTCGCTTTCTTTAGCACACCACAAAATTGCTCCAGAAAAGGGACGTGCAATTGTC
 TGA AACAGAGCCCAATATCTCAGACATAGATCTCGTGTCAACAGCATTGACCTTGACCAGTGAACCCACA
 CGGAGGCCCCAGACAGAGGCAATTACCCACCCTGTTACAGGCTTGATTTTGAACACAAGCACAGTGACTC
 TGCCCCCACAGGAAATGTCACCAGGGAGACAACCATTGCTGTGGTCACCACCACCAATCTTTACCATC
 TGATCAAGTCACCCTTGATATGACCAACAGGAAGTTGAGGCGATATTCTTAATTATCTTAGTGGTTGTC
 ATAAATAGGAGAAATTTTCAGTGCCTCTTCTGTCACGATTGTAGATACAGTAACCCCTCCAGTACCTGGGAA
 AACACCGAGACCGATATGGGCTACAGCGCATGTGGGGCTCCCTGGGCTGGGGCCTGGCCATGCTGTCTGT
 GGGTATTGGAATCGACTATACTCATATAGATGTGCTCATTGATGGGAAGGGGTGTAAAGCCCTGAGTAC
 CGGAACTACCAGATTGTCTTCATCGTCTTTGGAGTTCTCATGACCATGGCCCTGATCGTTGCCACTCAGT
 TCCGGTCCGCTACAACCACTTCAACAATAGTGATGGTAAAGGAAAGAGGTGGAGATCCACAGGTGGA
 AAGGGACAACCCACAGAGTCTCTGAAGAGACTCCAACCTGCCGCGACTCACTCACAGGCCTTCAACTTC
 TGGGACTTGATCAAGTTGCTATGCAGTGTGCAGTATGGCTCGGTTCTGTTTGTGGCCTGGTTCATGGGTT
 TTGGATACGGCTTCGTGTTACCTTTCTACTGGCATCTGGAAGACCTAAATGGAACATAACCCCTCTT
 TGGGGTCTGTTTCTGAGTCTGATGTGTCGAGTTGACCGCTTACTTCTCAGCCACAAGCTTATTGAG
 TTGATTGGCCATATCAGGTTTTATACATTGGCCTGGCCTGTAATACAGCTCGCTATATTTACATTTCT
 ACCTGGA AAAATGCCTGGACTGTCCTCCCTATGGAAGTTCTTCAAGGTGTACACACGCAGCCATCTGGGC
 AGCGTGCATCTTACCTCAGTGACAGTGTCCCCCTGAGCTGAGGACTTCTGCACAGGGAATCCTGCAA
 GGCCTTCATCTGGGTCTGGGGCAGGATGTGGTGCCATGATCGGAGGCGTGTAGTCAATATTTTGGGG
 CTGCTGCAACTTTCCGAGGGATTGGCATGGCTTGCTGGTATCCTTCTCCTCTTTGCCCTGATCCAGTG
 GCTGGCAGTACCAGATGAAGAAGAAGACAAGACAATGTTGGCAGAAAGGATCCCAGTTCCTCTAGTCCC
 GTTCCCATAGCAACCATGACCTGGTACAGCAACAGACAGAAGATGTATGCCACGCGTTGAGGCCAGAC
 TTCCGCCAAGAAAACCAAGCACAGGAAGAGCAGGAAGATGTAATAAACCCGGCCTGGGGGGTCCAGTCT
 CTCGCCTTGGGTGACCTTTGTCTATGCTCTCTACCAAGTTAAAGAGCTAATTCAACTGACAAGAGAGAGC
 CGTGCTTCTGAGATACAACCTTTACAGGGGACCGTGTGAGAATCGGGAAGCCTCTCCAGCTGGTGGAGCCC
 AGCGTGCCCCACGTGAAACTCACTCCGCCTCACCTAGAAAACAGCCATCCCCTGACACAGCAGCATCTCA
 AACGCAGTCCAGCCCTGCTACCCCACTGCTACCCCGCATGGACAGGAGAGTGGAGAGAAGCAGGCTCAG
 CCCACTGTGGGAGAACACTGAGGGTCACTCATACCCTGCATGGCACTAGGCACCTCAGCCAGGACAGGG
 GGGCAGGGCCCAACCTGACCATGCCTCTACAAGGGGTCACTGCAATGCATATGCTTCTAAATATCTAA
 ACTCATTACTGTGGAACAACACACACACACACACACACACACTCACTCACACACACACTC
 ACTCACACACACACTCACACGCACGCAGATGCACAAAATGCACAGGCACACATGAGTAAATGTTGGCAG
 GAAAACAGAGACTGCCACAGTCCAGTAGAGACACAGAACAACGTCTCTTGGTTAGTTAGGCTGACCTAA
 CTCTCCACCAAGATGAAAGGGTGAAGAAGCAGAACTCACACCAAGTTGGGTGAATGAAAGGGCCACAAA
 TGAACAAGGACTTCATCTCCCTCTTCTGATTATTTATTCTGAATATTGGGTTCTTAGTGA AAAAGTGAAG
 GGAAAAAGTATATCTATAGTTTTATTCTGCTTGAAGAAAAGAACTTTAAAAAATAAAGACATATTGAA
 AAGGGAACAGATGGAACCTAGTAGAACATAGCTTTTTTTGTTGTTTAGAAAAGTTCACTGAACTTTGT
 ACATCTTAGCAAATCTATTTTATATGCATATAGTATATAGTGAGCATAGTTCTTTGGGACGAAAAGCT
 GTTGCTGACTACTGCATACTGAGTTGAGCTTTAAAATGTCTTTGATGCAATGGGCTGTGAGAATGAGCAG
 AAGTGAGAGGCTATTTCAAAGACTCCAAGCAACTCAGTATCCTAAGACATGACAGACAAGGCCTTCTTAA
 GCAGACCTTCTATAGCAGCCTCTGATGCTGGATTTTAATTAGACTTGGGTTCTAATTAGCTAATGAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_133829

Insert Size: 1392 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>BC017534</u> , <u>AAH17534</u>
RefSeq Size:	2744 bp
RefSeq ORF:	1392 bp
Locus ID:	98682
Cytogenetics:	1 C1.1
Gene Summary:	<p>MHC class I receptor. Binds only to H-2 class I histocompatibility antigen, K-D alpha chain (H-2K(D)).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>