

Product datasheet for **MC228958**

Thsd1 (NM_001293688) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thsd1 (NM_001293688) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thsd1
Synonyms:	4833423O18Rik; Tmtsp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228958 representing NM_001293688
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAACCATGTTGAAAGACTTTTCAAATCTCTTGTCTGGTGGTCTCTGTGACTATGTCCTCGGAGAAG
CCGAATACCTCCTCCTCCAAGAGCCAGTCCATGTGGCACTGAGCGACAGAACGGTGTCAAGGGTTTCCA
CTACCTCAGTGACGTCAACGGGACACTGAGGAATGTGTCTGTCTGCTGTGGGAGCCAAACCAATCGG
ACTCTTACCCTAAGTACCTCCTGACCAACCAGGCCAAAGGAACACTCCAGTTTGAATGTTTCTACTTCA
AAGAGGCTGGTACTACTGGTTTGAATGATCCCGAAGTGACAGACAATGGCACGCAAGTTCCACTCTG
GGAGAAAAGTGCCTTTCTGAAGGTAGAATGGCCTGTCTTTCACATTGATTTAAATAGGACAGCCAAGGCA
GCAGAAGGCACCTTTCAAGTGGGTGTTTTACCACCAACCGCTCTGCCTGTTTCCCGTGGACAAGCCAG
ACATGCTGGTGGATGTTATTTTCACTGACCGTCTTCCGGAGGCAAGAGCAAGTTGGGACAGCCGCTGGA
GATCAGAGCCAGCAAAAGGACAAAACACTCAAGGTCAAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
GTGGAAGCCTACGTTACAGTCACTGAGGCTGTTGGGTCAAGACTCAGTCATTGCTTCTACGGGACCTA
TTGACCTGGCTCAAAAATTCGGATACAAAATGATGATGGCACCGAAGTACGTTGTGAGTCTGTGCTGGA
GGTGTGTTACTGCCACCTCCTTGTGTCTTCTGTCGAAGGAGTCCCTGGCTGTTTACAAAAGAAGCCCCAAA
CGCCCGGAGGAGAGGACTTTCCAGGTGGCTGAAAACAGACTGCCCTGGGAGAGAGGAGAACGGTGTTC
ACTGCACTTTATTTGATGTAGGGAAGAACAATACTGTTTTAACTTTGGAATTGTGAAGAAAGGCCATTT
TTCTGCAAAGGAATGCATGCTAATTCAGAGAAAATAGTTTTCCGGCCACCAGGCCCATCGCCTGTTTCA
CCCCAGGACCTGTGAAGTCCAACAACGTGGTACCCTGACAGGGATCTCCCTGTGCCTGTTTCACTATCT
TTGCCACGGTCTCATCACTCTCTGGAGGAGTTTGGCCGAGCCCAAAATGCAGCACGCCCGTTGCGCA
CAACTCCATCCATTCCCCTGGCTTCCGGAAGAACTCCGATGAAGAGAACATCTGCGAGCTGAGTGAGCCT
CGCGGAAGCTTCTCGGATGCCGGTGACGGACCTAGGGGAAGCCAGGGGACACGGGCATCCATTGACTT
ACAGGTGCAGTGCATCAGCGCCTCTGAGGATGAGGCCTCGGGCAGTGAGAGCTTCCAGTCCAACGCTCA
GAAGATCATCCCCTTGTGTTAGTACCCTTGGCCAGCAGCAGTGAAGGAGATGAAGAAGAAAGGG
CTGACCGAGACCACAAAGTGTACCACGTATCTCAAAGCCCCCTGACAGACTGTAGTGGATGCCACGG
CCAGCCCTCCCTTAGACCTGGAATGCCCGAAGAGGCTGCAGCAAGCAAGTTCCGAATCAAATCTCCATT
TCTGGACCAGCCTGGGGCAGTACCGGGAAAGGCCTCCCTCCAGGCTGGATGGCATCGTGCCTCCTCCT
GGCTGTGGGTGAGTCCCAGCCAGACCCTGATCCGAAAGTACAGATAAGGTCGACCGGTGGCAGAGATG
GCTCATCGGAGAGGTGCCACTCCAGAAGTCCCTTTCAGGAGGACTGCTAGTTTTCATGAAACCAAGCA
GTCTCGCCCTTCCGGGAGAGGAGTTTGTGAGCCCTGACTCCCCGCCAGGTCCCCGCTACAGTTCCAGG
ATGCGGACCTGGGACCAGATGGAGGATAGATGTGGCCTCCCAGTCAAGTACCCACCTGCTTCCAGAGA
GACCAGACACTTCCAAGGGCAGGTGGACCAGCAGTCTTTGGGTCCACTCTCCAAATCTTACTACTGT
GGGGCATCCCAGGAGGAAACCGGACCCAGGGGATCGTCAGGCGGATTGGTGGCAGGAGCTGAGAAAATG
GAGCCTCACCGAGCTCACAGGGGACCGTCCCCAGTACAGGAGTGCCTCAAGGAAGCAGTCTTCCCCCA
TTTTCTCAAAGATAGCTACCAGAAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAGTCAAG
GAGCTTCCCATCCACCCGAGTTCGCCTTCTATGACAATACCTTTTCCGCCTCACCAGGCTGAGCAG
AGAATGCTGGACCTCCAGGATACTTCCGCTCCAACGAAGAGGACGAAACCAAGTACACTCAGTGTGG
AGAAGTTAGTGATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001293688
Insert Size: 2397 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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001293688.1, NP_001280617.1</u>
RefSeq Size:	4273 bp
RefSeq ORF:	2397 bp
Locus ID:	56229
Cytogenetics:	8 A2
Gene Summary:	<p>Is a positive regulator of nascent focal adhesion assembly, involved in the modulation of endothelial cell attachment to the extracellular matrix.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (3) has the same N- and C-termini but is shorter compared to isoform 1.</p> <p>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.</p>