

Product datasheet for **MC222056**

Thsd1 (NM_019576) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Thsd1 (NM_019576) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Thsd1
Synonyms:	4833423O18Rik; Tmtsp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222056 representing NM_019576
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAACCCATGTTGAAAGACTTTTCAAATCTCTTGCTGGTGGTCTGTGACTATGTCCTCGGAGAAG
 CCGAATACCTCCTCCTCCAAGAGCCAGTCCATGTGGCACTGAGCGACAGAACGGTGTCACTGGGTTTCCA
 CTACCTCAGTGACGTCAACGGGACACTGAGGAATGTGTCTGTCTGTGCTGTGGGAGGCCAACACCAATCGG
 ACTCTTACCCTAAGTACCTCCTGACCAACCAGGCCAAGGAACACTCCAGTTTGAATGTTTCTACTTCA
 AAGAGGCTGGTGACTACTGGTTTGAATGATCCCGAAGTGACAGACAATGGCACGCAAGTTCCACTCTG
 GGAGAAAAGTGCCTTTCTGAAGTGAATGGCCTGTCTTTCACATTGATTTAAATAGGACAGCCAAGGCA
 GCAGAAGGCACCTTTCAAGTGGGTGTTTTACCACCAACCGCTCTGCCTGTTTCCCGTGGACAAGCCAG
 ACATGCTGGTGGATGTTATTTTCACTGACCGTCTTCCGGAGGCAAGAGCAAGTTGGGACAGCCGCTGGA
 GATCAGAGCCAGCAAAAGGACAAAACACTCAAGGTCAAGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT
 GTGGAAGCCTACGTTACAGTCATGCTGAGGCTGTTGGGTCAAGACTCAGTCATTGCTTCTACGGGACCTA
 TTGACCTGGCTCAAAAATTCGGATACAAATTGATGATGGCACCGAAGTACGTTGTGAGTCTGTGCTGGA
 GGTGATGGTACTGCCACCTCCTTGTGTCTTGTGTCCTGTCAGGAGTCTGGCTGTTTACAAAGAAGCCCCAAA
 CGCCCGGAGGAGAGGACTTTCCAGGTGGCTGAAAACAGACTGCCCTGGGAGAGAGGAGAACGGTGTTC
 ACTGCACTTTATTTGATGTAGGGAAGAACAATACTGTTTTAACTTTGGAATTGTGAAGAAAGGCCATTT
 TTCTGCAAAGGAATGCATGCTAATTCAGAGAAATATAGAACTTGGGGACCATGGCAGCCGTGGAGCCCG
 TGTAGCACACGTGCGGGGATGCTGTCCGAGAGCGTCGCCGCTGTGTGTCACTTCTTCCCTCCAGAC
 CCAGTGCTCTGGAATGTCTCAGAGACCTCTCATGCTCCCTGGAGGAGTGTGCTGTTTTCCGGCCACC
 AGGCCCCATCGCCTGTTTACCCAGGACCTGTGAAGTCCAACAACGTGGTGACCGTCACAGGGATCTCC
 CTGTGCCTGTTTCATCATCTTTGCCACGGTGTCTCATCTCTGAGGAGGTTTGCCGAGCCCCCAAT
 GCAGCACGCCCCGTTCCGCACTCCATCCATTCCCCTGGCTTCCGGAAGAACTCCGATGAAGAGAACAT
 CTGCGAGCTGAGTGAGCCTCGCGAAGCTTCTCGGATGCCGCTGACGACCTAGGGAAGCCAGGGGAC
 ACGGGCATCCATTGACTTACAGGTGACGTGCATCAGCGCTCCTGAGGATGAGGCTCGGGCAGTGAGA
 GCTTCCAGTCCAACGCTCAGAAGATCATCCGCTTGTAGCTACCGCTTCCCAGCAGCAGCTGAA
 GGAGATGAAGAAGAAAGGCTGACCGAGACCACCAAGTGTACCACGTATCTCAAAGCCCCCTGACAGAC
 ACTGTAGTGGATGCCACGCCAGCCCTCCCTTAGACCTGGAATGCCCCGAAGAGGCTGCAGCAAGCAAGT
 TCCGAATCAAATCTCATTCTGAGCAGCCTGGGGCAGGTACCGGGAAAGGCCTCCCTCCAGGCTGGA
 TGGCATCGTGCTCCTCTGGCTGTGCGGTCAAGTCCCAGCCAGACCTGATCCGAAAGTACAGATAAGG
 TCGACCGGTGGCAGAGATGGCTCATCGGAGAGGTGCCACTCCAGAAGTCCCTCTTCAGGAGGACTGCTA
 GTTTTCATGAAACCAAGCAGTCTCGCCCTTCCGGGAGAGGAGTTGTGACGCCCTGACTCCCCGCCAGGT
 CCCCCTACAGTTCCAGGATGCGGACCTGGGACCAGATGGAGGATAGATGTGCGCTCCAGTCGAAGT
 ACCCACCTGCTTCCAGAGAGACCAGAGCACTTCCAAGGGCAGGTCCGACCAGCAGTCTTTGGGTCCAC
 TCTCCAAATCTACACTGTGGGGCATCCAGGAGGAAACCGACCCAGGGGATCGTCAGGCCGATTGGT
 GGCAGGAGCTGAGAAAATGGAGCCTACCGAGCTCACAGGGGACCGTCCCCAGTCACAGGAGTGCCTCA
 AGGAAGCAGTCTTCCCCATTTTCTCAAAGATAGCTACCAGAAAGTCACTCAGCTTAGCCCTTCTCACT
 TCAGAAAAGATAAATGCCAGAGCTTCCCATCCACCCGAGTTTCGCTTCTATGACAATACCTCTTCCG
 CCTACCGAGGCTGAGCAGAGAATGCTGGACCTCCAGGATACTTCGGCTCCAACGAAGAGGACGAAACC
 ACAAGTACACTCAGTGTGAGAAGTTAGTGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019576
Insert Size: 2556 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_019576.2, NP_062522.1</u>
RefSeq Size:	4432 bp
RefSeq ORF:	2556 bp
Locus ID:	56229
UniProt ID:	<u>Q9JIM61</u>
Cytogenetics:	8 A2
Gene Summary:	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] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest 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.