

Product datasheet for **SC307918**

THSD1 (NM_199263) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THSD1 (NM_199263) Human Untagged Clone
Tag:	Tag Free
Symbol:	THSD1
Synonyms:	ANIB12; TMTSP; UNQ3010
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for NM_199263 edited
 GCGGGATGCTTGGCGCTCTACCTCGCCGCCCTGAGCCTTCCCGTCCGCCTCGCCACGCG
 CCCGGACGGCCTGGGGTTGCTGCCCCTCAGTCTCGAGGTGTTTTGGGAAAAAATCAC
 AATCTGGACGTGAGAAAGGACATGAGGAGACTAAAGACCTGGGATTTTGTCAATCAGAAT
 GAAACCAATGTTGAAAGACTTTTCAAATCTATTGTTGGTGGTACTCTGTGACTATGTTCT
 TGGAGAAGCTGAATATCTTCTCTTGAGAGAGCCAGGCCATGTAGCACTAAGCAACGACAC
 AGTGATGTGGATTTCAGTATTTTGATGGTGCTAATGGGACACTGAGGAATGTATCTGT
 CCTGCTGTTGGAGGCCAACCAATCAGACTGTAACACCAAGTACCTCCTGACCAACCA
 GTCCCAGGGAACACTAAAGTTTGAGTGCTTCTATTTCAAGGAGGCTGGTACTACTGGTT
 CACAATGACTCCAGAAGCAACAGACAACAGCACTCCATTTCCCTGGTGGGAGAAAAGTGC
 CTTTCTGAAGGTGGAATGGCCTGTCTTTCACGTTGACTTGAATAGGAGTGCCAAGGCAGC
 AGAAGGCACCTTCCAAGTGGCCTATTTACCAGTCAACCACTGTGCCGTTTCTGTGGA
 CAAGCCCAACATCGTAGTGGATGTCATCTTCACCAACAGTCTTCTGAGGCAAGAAGAAA
 TTCAAGACAGCCGCTGGAATAAGAACCAGCAAAAGGACAGAATTGCTCAAGGTCAGTG
 GGTTGAGTTTGGCTGTGCACCTTGGGGCCAGAAGCCTATGTACCGTGGTGCTGAAGCT
 GCTTGGGCGAGACTCAGTCATTACCTCCACAGGACCCATTGACCTGGCCAGAAAATTTGG
 ATACAAACTGGTGATGGTGCCAGAACTCACATGTGAGTCCGGGGTAGAGGTGACAGTGCT
 GCCTCCACCATGCACCTTCGTCCAAGGAGTGGTCACTGTCTTCAAGGAGGCCCCAGATA
 CCCTGGGAAGAGGACCATCACTTGGCTGAAAACAGCCTGCCCTGGGAGAGAGGAGGAC
 AATTTTAACTGTACTTTGTTTGACATGGGGAAGAATAAGTACTGCTTTGACTTTGGCAT
 TTCAAGCAGAAGCCATTTTCTGCAAAGGAGGAGTGCTATGCTAATTCAGAGAAATACAGC
 TTTCCAGCCATCCAGCCCATCTCTCTTCCAGCCCAAGGTCAGTGAAGTCCAACAACAT
 CGTGACTGTCACTGGTATATCCTTGTGCTTGTTCATCATCATTGCCACTGTGCTCATCAC
 GCTGTGGAGGAGGTTTCGGCCGGCCAGCCAAGTGCAGCACACCTGCTCGACACAACCTCCAT
 CCACTCCCCCAGCTTCCGGAAGAACTCGGACGAGGAGAATATCTGCGAGCTGAGCGAGCA
 GCGCGGGAGCTTCTCGGATGGGGGAGACGGGCCACGGGGAGTCCAGGGGACACAGGCAT
 CCCTCTGACCTACAGGCGGAGCGGGCCGGTACCTCCGAGGATGATGCCTCTGGCAGCGA
 GAGCTTCCAGTCCAACGCCCAGAAGATAATCCACCTCTGTTCACTACCGCCTTGCCCA
 GCAGCAGTTAAAGGAGATGAAAAAGAAAGGTCTGACGGAAGTACCAAGTGATACAGT
 GTCTCAGAGTCCCCTGACAGACACTGCCATTGATGCGGCCCCAGCGCTCCCTTAGATTT
 GGAAAGCCCGGAAGAAGCTGCAGCAACAAGTTCGGATCAAATCCCCATTTCCGGAGCA
 GCCCGCGGTCAGTGCCGGGAAAGGCCTCCCTCCAGGCTGGATCTAAATGTGACTCAGGC
 CAGTTGTGCCATAAGCCCCAGCCAGACTCTGATCCGCAAGTACAGGCAAGGCACGTGGG
 CAGCAGAGGGGGCCCGTCCGAAAGGAGCCATGCCAGGAACGCCCATTTACAGGAGGACAGC
 GAGTTTCCATGAAGCCAGGCAGGCGCCGGCGTTCCGAGAGAGGAGCATGTCCACTCTGAC
 TCCACGGCAGGCCCTGCCTACAGCTCTAGGACGCGGACCTGCGAGCAGGCAGAGGACAG
 ATTTAGGCCTCAGAGTCGAGGTGCCACCTGTTTCTGAAAACTGGAGCATTTCGAAGA
 GGCAAGTGAACCCGTGGTCCATTAAACCCTCTCCCTAAATCCTACACTTTGGGGCAGCC
 CTTGAGGAAACCAGACCTTGGGGATCACCAGGCAGGATTAGTGGCCGGAATTGAGAGAAC
 AGAGCCCCACAGAGCTCGTCGGGGACCGTCCCCAGTCACAAGAGTGTCTCAAGGAAGCA
 GTCTTCTCCCATATCCCCCAAAGATAACTACCAGAGGGTCAGTTCTCTGAGCCCTTCTCA
 GTGTAGAAAAGACAAGTGTCAAAGCTTCCCCACTACCCTGAGTTTGCCTTCTATGACAA
 TACGTCGTTTGGCCTCACTGAGGCTGAGCAGAGGATGCTGGACCTCCAGGATATTTTGG
 GTCAAATGAAGAGGATGAAACCACAAGTACACTTAGCGTGGAGAAGCTGGTGATCTAGAC
 TGAGAATCAGCTGAGCTTTACACAGCTGGGTCTGCTACTCGCGTTTTGTAGACTTTTG
 TGTAATATTTGTACCGTAGGACAGAATGTGAGGAGGAAGTAACACACAGAGGAGGATGT
 GTGTGTATGCATGTGTTGAATTCACAAGGAAGAAATTATTTATCTTGAGCTTTTTCTT
 TGTTATTCAATTTCTATTGATTTATTAGTAATAACAATGATAATAAAATGTAATGAGCA
 AAAAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:	NM_199263
Insert Size:	2800 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_199263.1.
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:	<u>NM_199263.1, NP_954872.1</u>
RefSeq Size:	2896 bp
RefSeq ORF:	2400 bp
Locus ID:	55901
UniProt ID:	<u>Q9NS62</u>
Cytogenetics:	13q14.3
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene contains a type 1 thrombospondin domain, which is found in a number of proteins involved in the complement pathway, as well as in extracellular matrix proteins. Alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Jan 2009] Transcript Variant: This variant (2) is missing an in-frame coding exon compared to transcript variant 1, resulting in a shorter isoform (2) lacking an internal segment compared to isoform 1.