

Product datasheet for **SC111827**

THSD1 (NM_018676) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THSD1 (NM_018676) Human Untagged Clone
Tag:	Tag Free
Symbol:	THSD1
Synonyms:	ANIB12; TMTSP; UNQ3010
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111827 sequence for NM_018676 edited (data generated by NextGen Sequencing)

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ATGAAACCAATGTTGAAAGACTTTTCAAATCTATTGTTGGTGGTACTCTGTGACTATGTT
CTTGGAGAAGCTGAATATCTTCTCTTGAGAGAGCCAGGCCATGTAGCACTAAGCAACGAC
ACAGTGTATGTGGATTTCAGTATTTTGATGGTGCTAATGGGACACTGAGGAATGTATCT
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CAGTCCCAGGGAACACTAAAGTTTGAGTGCTTCTATTTCAAGGAGGCTGGTGACTCTGG
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GCCTTTCTGAAGGTGGAATGGCCTGTCTTTCACGTTGACTTGAATAGGAGTGCCAAGGCA
GCAGAAGGCACCTTCCAAGTGGGCCTATTTACCAGTCAACCACTGTGCCCGTTTCTGTG
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Clone variation with respect to NM_018676.3
495 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_018676 unedited
 GCTTTGGTTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCGTCAGTCT
 CGAAGGTGTTTTTGGGAAAAAACACAATCTGGACGTGAGAAAGGACATGAGGAGACTA
 AAGACCTGGGATTTTGTCAATCAGAATGAAACCAATGTTGAAAGACTTTTCAAATCTATT
 GTTGGTGGTACTCTGTGACTATGTTCTTGGAGAAGCTGAATATCTTCTTGGAGAGGCC
 AGGCCATGTAGCACTAAGCAACGACACAGTGTATGTGGATTTCCAGTATTTTGATGGTGC
 TAATGGGACACTGAGGAATGTATCTGTCTGCTGTTGGAGGCCAACACCAATCAGACTGT
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 TGACTTGAATAGGAGTGCCAAGGCAGCAGAAGGCACCTTCCAAGTGGGCCTATTTACCAG
 TCAACCACTGTGCCCCTTCTGTGGACAAGCCCAACATTGTAGTGGATGTCATCTTCAC
 CAACAGTCTTCTGAGGCAAGAAGAAATTCAAGACAGCCGCTGGAATAAGAACCAGCAA
 AAGGACAGAACTTGCTCAAGGTCAAGTGGGTTGAGTTTGGCTGTGCACCCTTGGNGCCAGA
 AGCCTATGTACCGTGGTGTGAAGCTGCTTNGCGAGACTCAGTCATTACCTNCACAGG
 ACCCATTGACCTGGCCAGAAATTTGATCAAACCTGGTGTGGTGGCAGACTCAATGTGAG
 TCCGGGTAGAGGTGAAGTGTGCCTCAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_018676 unedited
 NCGTGCCCGGGNNTTTATCATTGTTATTACTAATAAATCAATAGNAAATTGAATAACAA
 AGGGAAAAAGCTCAAGATAAATAATTTCTTCTTGTGAATCAAACACATGCATACACAC
 ACATCCTCCTCTGTGTGTTACTTCTCCTCACATTCTGTCTACGGTACAAATAGTTACA
 CAAAAGTCTACAAAACGCGAGTAGCAGACCCAGCTGTGTAAAGCTCAGGCTGATTCTCA
 GTCTAGATCACCAGCTTCTCCACGCTAAGTGTACTTGTGGTTTCATCCTTTCATTTGAC
 CAAAAATATCCTGGGAGGTCCAGCATCCTCTGCTCAGCCTCAGTGAGGCCAAACGACGTA
 TTGTCATAGAAGGCAAACTCAGGGTGAGTGGGGAAGCTTTGACACTTGTCTTTTACAC
 TGAGAAGGGCTCAGAGAACTGACCCTCTGGTAGTTATCTTTGGGGGATATGGGAGAAGAC
 TGCTTCTTGAACACTCTGTGACTGGGGACGGTCCCCGACGAGCTCTGTGGNGCTCT
 GTTCTCTCAATTCCGGCCACTAATCCTGCCTGGTGATCCCCAAGGTCTGGTTTCCTCAAG
 GGCTGCCCCAAAGTGTANGATTTAGGGAGAGGGTTAATGGACCACGGGTCCACTTGCC
 TCTTGGAAATGCTCCAGTTTTTTCAGAAACAGGTGGGCACCTCGACTCTGAGGCCTAAATC
 TGTCTCTGCCTGCTCGCAGGTTCCGCGTCTTAAAGCTGTAAGCAGGGGCCCTGCCGTGG
 AGCAAGAGTGGACATGCTCCCTCTCTTGAACGGGCCGGCCCTGCCTGGCTTCATGGAAA
 CTCGCTGGCCTCCTTGAAGGGCCGTTCTTGCATGCGTTCTTTTGGACGGCCCCCTT
 GGTGCCCCAGGGCCTTGCCTGGACTGTGGACAAAGTTGGCTGGGCCTT

Restriction Sites:

NotI-NotI

ACCN:

NM_018676

Insert Size:

3000 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:	<u>NM_018676.2, NP_061146.1</u>
RefSeq Size:	3054 bp
RefSeq ORF:	2559 bp
Locus ID:	55901
UniProt ID:	<u>Q9NS62</u>
Cytogenetics:	13q14.3
Domains:	tsp_1
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 (1) encodes the longer isoform (1).