

Product datasheet for **MC202599**

Thbs1 (NM_011580) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Thbs1 (NM_011580) Mouse Untagged Clone
Tag: Tag Free
Symbol: Thbs1
Synonyms: tbs; tbsp1; Thbs-; Thbs-1; TS; TSP; TSP-1; TSP1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC050917 sequence for NM_011580
CGGACTTCTGCAGGCAATCGCGAAGCTGTCTATCCAGTTCTGCCACGGTCTCTCCCGGCCACCCGGCAGTC
TCAGCGTCTTACCCGACTCAGCGTCTTGTCTTCACTTACCTTTGCCACCTCTCCGGTTACTGAGC
CCCGGTGCACACAGGCTCCGTGTTGGGCACAAAGGCTCCACCATGGAGCTCTGCCGGGACTAGGTGTC
TGTTCTGTTGCATATGTGTGGAAGCAACCGCATTCCAGAGTCTGGGGGAGATAACGGTGTGTTGACAT
CTTTGAACTATTGGAGGTGCACGAAGGGGCCCGGTGCGCGACTGGTGAAGGGCCAAGATCTATCCAGC
CCCGCCTTCCGCATTGAGAATGCCAACCTGATCCCGCTGTGCCGGATGACAAGTTCCAAGACCTACTGG
ACGCTGTGTGGGCCGACAAAGGCTTCATCTTCTGGCTTCTTGGAGCAGATGAAGAAGACCCGGGGCAC
ACTCTGGCTGTGGAACGAAAGACAACACTGGCCAGATCTTCAAGTGTGGTCTCCAACGGCAAAGCTGGC
ACCCTGGACCTGAGCCTGAGCCTGCCAGGAAGCAACAAGTGGTGTGAGTGGAGGAAGCTCTCTGGCCA
CTGGCCAGTGAAGAGCATCACGCTGTTTGTTCAGAGGACCCGGGCTCAACTCTACATAGACTGTGATAA
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GTCTCCCTGGTCTGAGTGGACCTCCTGCTGCCACATGTGGCAATGGAATTCAGCAACGTGGTCTGTTCC
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CACCATGGGACATCTGCTCTGTACCTGTGGAGGAGGAGTGCAGAGACGCAGCCGACTCTGTAACAACCC
CACACCCAGTTTGGAGGCAAAGACTGTGTTGGCGATGTGACAGAAAATCAAGTTTGAACAAGCAGGAC



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TGCCAATTGATGGATGCCTGTCCAATCCCTGCTTTGCTGGTGCCAAGTGTACTAGCTACCCTGATGGTA
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GAATAGAGATCTCAGACTATGTAGATATGCTATTTAAATAATTTATCAGGAAATACTGCCTGTAGAGTTA
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 CTAGGAACGTGCTTTTTTTTTTATTTTGTACACATTTTATCCATTTTACATTCTAAAGCAGTGAACTT
 GTATATTACTGTTTCTTATGTACAAGGAACAACAATAAATCATATGGAAGTTTATATTTATAAAAAAAAAA AAAAAAAAAA

Restriction Sites:	Ascl-NotI
ACCN:	NM_011580
Insert Size:	3516 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>BC050917</u> , <u>AAH50917</u>
RefSeq Size:	5819 bp
RefSeq ORF:	3516 bp
Locus ID:	21825
Cytogenetics:	2 59.34 cM
Gene Summary:	<p>The protein encoded by this gene is a subunit of a disulfide-linked homotrimeric protein. This protein is an adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein can bind to fibrinogen, fibronectin, laminin, type V collagen and integrins alpha-V/beta-1. This protein has been shown to play roles in platelet aggregation, angiogenesis, and tumorigenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Sep 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). 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>