

## Recombinant Human THBS1 Protein, His-tagged

Cat. No. THBS1-1001H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human THBS1 Protein, fused to His-tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 50 mM NaH <sub>2</sub> PO <sub>4</sub> , 300mM NaCl, pH 8.0.
<b>Molecular Mass</b>	63.5 kDa
<b>AA Sequence</b>	<p>NRIPESGGDNSVFDIFELTGAARKGSGRRLVKGPDPSSPAFRIEDANLIPPVPDDKF            QDLVDAVRAEKGFLLLASLRQMKKTRGTLALERKDHSGQVFSVVSNGKAGTLDLS            LTVQGKQHVVSVEEALLATGQWKSITLFVQEDRAQLYIDCEKMENAELDVPIQSVFT            RDLASIALRLRIAKGGVNDNFQGVLQNVRFVFGTTPEDILRNKGCSSSTSVLLTLDNNV            VNGSSPAIRTNYIGHKTKDLQAICGISCEDELSSMVLELRGLRTIVTTLQDSIRKVTEEN            KELANELRRPPLCYHNGVQYRNNEEWTVDSCTECHCQNSVTICKKVSCPIMPCSNA            TVPDGECCPRCWPSDSADDGWSPWSEWTSCSTSCGNGIQQRGRSCDSLNNRCE            GSSVQTRTCHIQECDKRFKQDGGWSHWSPWSSCSVT CGDGVITRIRLCNSPSPQM            NGKPCEGEARETKACKKDACPINGGWGPWSPWDICSVTCGGGVQKRSRLCENNPT</p>

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PQFGGKDCVGDVTENQICNKQDCPIDGCLSNPCFAGVKCTSYPDGSWKCGACPPG  
YSGNGIQCTDVDECKEVPDACF

**Purity** >85% as determined by SDS-PAGE

**Storage** Short Term Storage at 4 centigrade, Long Term, please prepare aliquots with 20% glycerol and store at -20~-80 centigrade. Avoid freeze/thaw cycles.

**Concentration** 0.6 mg/ml

## GENE INFORMATION

**Gene Name** THBS1 thrombospondin 1 [ Homo sapiens (human) ]

**Official Symbol** THBS1

**Synonyms** TSP; THBS; TSP1; TSP-1; THBS-1

**Gene ID** 7057

**mRNA Refseq** NM\_003246.4

**Protein Refseq** NP\_003237.2

**MIM** 188060

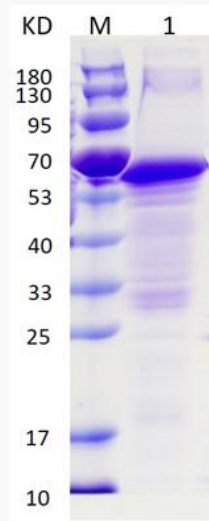
**UniProt ID** P07996

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**SDS-PAGE**



12% SDS-PAGE analysis profiles of purified Recombinant Human Thrombospondin 1, his-tagged (CBB stained).

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