

Recombinant Human THBS1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human THBS1 Protein, fused to His-tag, was expressed in E.coli.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 50 mM NaH ₂ PO ₄ , 300mM NaCl, pH 8.0.
Molecular Mass	63.5 kDa
AA Sequence	NRIPESGGDNSVFDIFELTGAARKGSGRRLVKGPDPSSPAFRIEDANLIPVPDDKF QDLVDAVRAEKGFLLLASLRQMKKTRGTLLALERKDHSGQVFSVVSNGKAGTLDLS LTVQGKQHVVSVEEALLATGQWKSITLFVQEDRAQLYIDCEKMENAEADVPIQSVFT RDLASIALRLRIAKGGVNDNFQGV LQNVRFVFGTTPEDILRNKGCSSSTSVLLTLDNNV VNGSSPAIRTN YIGHKTKDLQAICGISCEDELSSMVLELRGLRTIVTTLQDSIRKVTEEN KELANELRRPPLCYHNGVQYRNNEEWTVDSCTECHCQNSVTICKKVSCPIPCSNA TVPDGECCPRCWPSDSADDGWSPWSEWTSCSTSCGNGIQQRGRSCDSLNNRCE GSSVQTRTCHIQECDKRFKQDGGWSHWSPWSSCSVT CGDGVITRIRLCNSPSPQM NGKPCEGEARETKACKKDACPINGGWGPWSPWDICSVTCGGGVQKRSRLCENNPT

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PQFGGKDCVGDVTENQICNKQDCPIDGCLSNPCFAGVKCTSYPDGSKWCGACPPG
YSGNGIQCTDVDECKEVPDADF

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

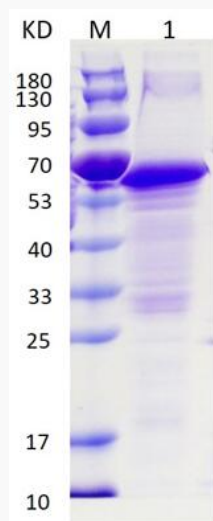
UniProt ID P07996

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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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