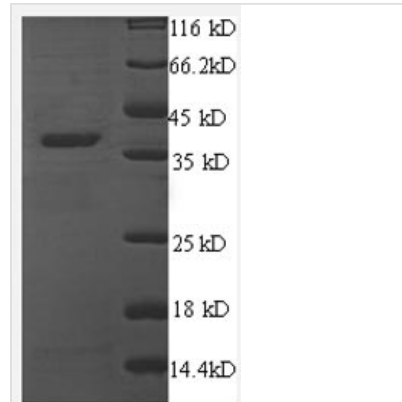




# Recombinant Human Thrombospondin-1 (THBS1), partial

<b>Product Code</b>	CSB-RP073494h(N)
<b>Relevance</b>	Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Binds heparin. May play a role in dentinogenesis and/or maintenance of dentin and dental pulp . Ligand for CD36 mediating antiangiogenic properties. Plays a role in ER stress response, via its interaction with the activating transcription factor 6 alpha (ATF6) which produces adaptive ER stress response factors .
<b>Abbreviation</b>	Recombinant Human THBS1 protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P07996
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	NRIPESGGDNSVFDIFELTGAARKGSGRRLVKGPDSPSPAFRIEDANLIPPVPD DKFQDLVDAVRAEKGFLLLASLRQMKKTRGTLALERKDHSGQVFSVVSNGK AGTLDLSLTVQGKQHVVSVVEEALLATGQWKSITLQVQEDRAQLYIDCEKMENA ELDVPIQSVFTRDLASIALRLRIAKGGVNDNFQGVLQNVRFVFGTTPEDILRNKG CSSSTSVLLTLDNNVNGSSPAIRTNYIGHKTKDLQAICGISCDELSSMVLELRG LRTIVTTLQDSIRKIVTEENKELANELRRPPLCYHNGVQYRNNEEWTVDSCTEC HCQNS
<b>Research Area</b>	Cell Adhesion
<b>Source</b>	E.coli
<b>Target Names</b>	THBS1
<b>Expression Region</b>	19-344aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	40.6kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.