

Recombinant Human THBS1 protein, His-tagged

Cat. No. THBS1-3321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human THBS1 protein(25-250 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	25-250 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GGDNSVFDIFELTGAARKGSGRRLVKGPDPSSPAFRIEDANLIPVPDDKFQDLVDA VRAEKGFLLLASLRQMKKTRGTLLALERKDHSGQVFSVVSNGKAGTLDLSLTVQ GK QHVVSVEEALLATGQWKSITLFVQEDRAQLYIDCEKMENAELDVPIQSVFTRDLASIA RLRIAKGGVNDNFQGV LQNVR FVFGTTPEDILRNKGCSSTSVLLTLDNNVVNGS
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
	Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	THBS1 thrombospondin 1 [Homo sapiens]
Official Symbol	THBS1
Synonyms	THBS1; thrombospondin 1; thrombospondin-1; THBS; THBS 1; thrombospondin 1p180; TSP; TSP 1; TSP1; thrombospondin-1p180; TSP-1; THBS-1;
Gene ID	7057
mRNA Refseq	NM_003246
Protein Refseq	NP_003237
MIM	188060
UniProt ID	P07996

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