

Thrombospondin 1 (THBS1) Recombinant Protein | THBS1 recombinant protein

Recombinant Thrombospondin 1 (THBS1)

CATALOG # AAA134709	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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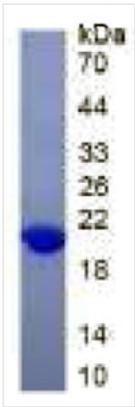
PRODUCT SYNONYMS

Thrombospondin 1 (THBS1); Recombinant Thrombospondin 1 (THBS1); THBS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 300ug/mL (varies by lot)
Sequence	NNEEWTVDSC TECHCQNSVT ICKKVSCPIM PCSNATVPDG ECCPRCWPSD SADDGWSPWS EWTSCSATCG NGIQQRGRSC DSLNNRCEGS SVQTRTCHIQ ECDKRFKQDG GWSHWSPWSS CSVTCGDGVI TRIRLCNSPS PQMNGKPCEG EA
Applicable Applications for THBS1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Asn327~Ala478
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.8
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	61556835
NCBI GeneID	445442
NCBI Accession #	NP_001013080.1
NCBI GenBank Nucleotide #	NM_001013062.1
UniProt Accession #	Q71SA3
Molecular Weight	Predicted Molecular Mass: 18.2kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	thrombospondin 1
NCBI Official Synonym Full Names	thrombospondin 1
NCBI Official Symbol	Thbs1
NCBI Official Synonym Symbols	Tsp1; TSP-1
NCBI Protein Information	thrombospondin 1
UniProt Protein Name	Thrombospondin 1
UniProt Gene Name	Thbs1
UniProt Synonym Gene Names	Tsp1
UniProt Entry Name	Q71SA3_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/thbs1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134709>