

Thrombospondin 1 (THBS1) Recombinant Protein | THBS1 recombinant protein

Recombinant Thrombospondin 1 (THBS1)

CATALOG # AAA134749	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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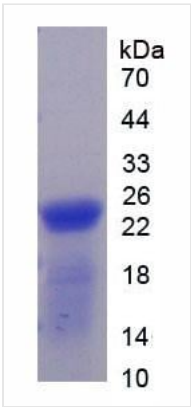
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHS GSEF-PD DKFQDLLDAV WADKGFIFLA SLRQMKKTRG TLLAVERKDN SGQIFSVVSN GKAGTLDLSL SLP GKQVVS VEEALLATGQ WKSITLFVQE DRAQLYIDCD KMESAELDVP IQSIFTRDLA NVARLRVAKG DVNDNFQGV L QNVRVFVGT T PEDILRNKGC SSSTNVLLTL DNNVVNGSSP AIRTNYI
Sequence Length	1170
Applicable Applications for THBS1 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Pro71-Ile259 (Accession # Q71SA3) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Sequence

PDDKFQDLLD AVWADKGFIF LASLRQMKKT
RGTL LAVERK DNSGQIFSVV SNGKAGTLDL SLSLPGKQQV VSVEEALLAT
GQWKSITLFV QEDRAQLYID CDKMESAELD VPIQSIFTRD LANVARLRVA
KGDVNDNFQG VLQNVRFVFG TTPEDILRNK GCSSSTNVLL TLDNNVVNGS
SPAIRTNYI

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	22.3kDa
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.