

Recombinant Rat Thbs1 protein, His-tagged

Cat. No. Thbs1-2663R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Thbs1 aa. (Phe957~Lys1129 (Accession # Q71SA3)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Phe957~Lys1129
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	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°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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name	Thbs1 thrombospondin 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Thbs1
Synonyms	Thbs1; thrombospondin 1; Tsp1; TSP-1; thrombospondin-1
Gene ID	445442
mRNA Refseq	NM_001013062.1
Protein Refseq	NP_001013080.1
UniProt ID	Q71SA3

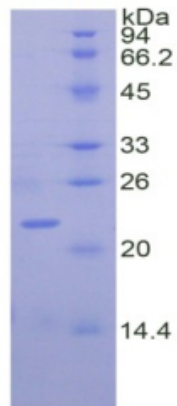
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SDS-PAGE

Rat THBS1



15% SDS-PAGE

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