

Recombinant Rat Thbs2 protein, His & GST-tagged

Cat. No. Thbs2-1770R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Thbs2 aa. (Asp968~Arg1170) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp968~Arg1170
Form	Freeze-dried powder
Molecular Mass	53kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

 Tel: 1-631-559-9269 1-516-512-3133

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-80°C for 12 months.

Concentration 200µg/mL

Storage buffer 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

Isoelectric Point 6.4

GENE INFORMATION

Gene Name Thbs2 thrombospondin 2 [Rattus norvegicus (Norway rat)]

Official Symbol Thbs2

Synonyms Thbs2; thrombospondin 2; TSP-2; thrombospondin-2

Gene ID 292406

mRNA Refseq NM_001169138.1

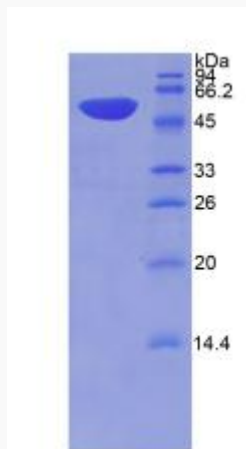
Protein Refseq NP_001162609.1

UniProt ID D4A2G6

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SDS-PAGE

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