Recombinant Rat Thbs4 protein, His & GST-tagged

Cat. No. Thbs4-8258R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Thbs4 aa. (Pro708~Ile963) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro708~Ile963
Description	Extracellular matrix protein; involved in neuronal development.
Form	Freeze-dried powder
Molecular Mass	61kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

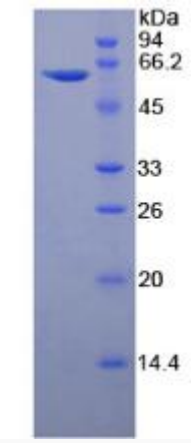
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	at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage Buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Thbs4 thrombospondin 4 [Rattus norvegicus (Norway rat)]
Official Symbol	Thbs4
Synonyms	Thbs4; thrombospondin 4; thrombospondin-4
Gene ID	29220
mRNA Refseq	NM_017133.1
Protein Refseq	NP_058829.1

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SDS-PAGE	

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