

Recombinant Rat Gmnn protein, His & T7-tagged

Cat. No. Gmnn-7839R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gmnn aa. (Lys8~Thr206 (Accession # D3ZWJ0)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys8~Thr206
Form	Freeze-dried powder
Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 4.6.
Applications	SDS-PAGE; WB; ELISA; IP.
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 at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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	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.
Storage Buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH2O.

GENE INFORMATION

Gene Name	Gmn geminin, DNA replication inhibitor [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Gmn
Synonyms	THBS4; thrombospondin 4; TSP4; TSP-4; thrombospondin-4
Gene ID	291137
mRNA Refseq	NM_001106112.1
Protein Refseq	NP_001099582.1
UniProt ID	D3ZWJ0

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