

Recombinant Rat Gkn1 protein, His-tagged

Cat. No. Gkn1-7832R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gkn1 aa. (Gly27~Pro151 (Accession # Q6SJV7)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly27~Pro151
Description	Mouse homolog is a mitogenic stomach gene expressed at high levels specifically in cells of the antrum mucosa.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.2kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.0.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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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 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 PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gkn1 gastroke 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Gkn1
Synonyms	TOPBP1; DNA topoisomerase II binding protein 1; TOP2BP1; DNA topoisomerase 2-binding protein 1; DNA topoisomerase II-beta-binding protein 1; topoisomerase (DNA) II binding protein 1
Gene ID	297418
mRNA Refseq	NM_198972.1
Protein Refseq	NP_945323.1
UniProt ID	Q6SJV7

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