

Recombinant Rat Gh1 protein, His & T7-tagged

Cat. No. Gh1-784R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gh1 aa. (Pro28~Phe216 (Accession # P01244)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro28~Phe216
Description	Ligand for growth hormone receptor; plays a role in a number of signaling pathways.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 7.8.
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,

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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 -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

Gene Name

Gh1 growth hormone 1 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Gh1

Synonyms

Gh1; growth hormone 1; Gh; Ghb1; RNGHGP; somatotropin; growth hormone b1

Gene ID

24391

mRNA Refseq

NM_001034848.2

Protein Refseq

NP_001030020.2

UniProt ID

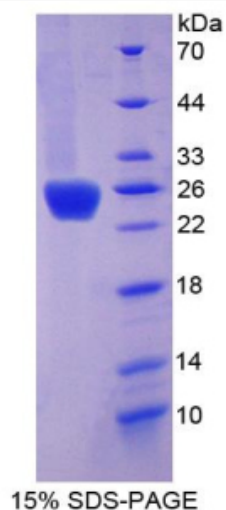
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SDS-PAGE



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