Recombinant Rat Ghr protein, His & T7-tagged

Cat. No. Ghr-5766R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ghr aa. (Asp353~Ala588 (Accession # P16310)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp353~Ala588
Description	May play a role in chondrocyte differentiation and positive regulation of longitudinal bond growth and.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.1kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

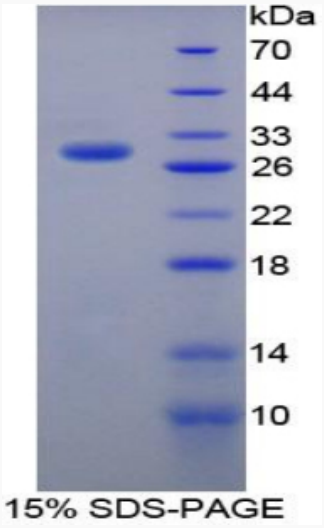
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	accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -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	Ghr growth hormone receptor [Rattus norvegicus (Norway rat)]
Official Symbol	Ghr
Synonyms	Ghr; growth hormone receptor; GHR/BP; GH receptor; growth hormone receptor precursor splice variant D56; growth hormone receptor variant d5-6; growth hormone receptor/binding protein; somatotropin receptor
Gene ID	25235
mRNA Refseq	NM_017094.1
Protein Refseq	NP_058790.1
UniProt ID	P16310

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SDS-PAGE	

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