

Active Recombinant Rat GHR protein, His-tagged

Cat. No. GHR-1504R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat GHR protein(Phe19-Arg265), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	19-265 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Immobilized Human GH, Tag Free at 2 µg/mL (100 µL/well) can bind Rat Growth Hormone R, His Tag with a linear range of 1-16 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 30.2 kDa. The protein migrates as 36-50 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Phe19-Arg265
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Ghr growth hormone receptor [Rattus norvegicus]
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Official Symbol	GHR
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Synonyms	GHR; growth hormone receptor; GH receptor; somatotropin receptor; growth hormone receptor/binding protein; GHR/BP; MGC124963; MGC156665;
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Gene ID	25235
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mRNA Refseq	NM_017094
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Protein Refseq	NP_058790
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