

## Active Recombinant Rat GHR protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat GHR protein(Phe19-Arg265), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	19-265 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Proteinlength</b>	Phe19-Arg265
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	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 \[ Rattus norvegicus \]](#)

**Official Symbol** [GHR](#)

**Synonyms** GHR; growth hormone receptor; GH receptor; somatotropin receptor; growth hormone receptor/binding protein; GHR/BP; MGC124963; MGC156665;

**Gene ID** [25235](#)

**mRNA Refseq** [NM\\_017094](#)

**Protein Refseq** [NP\\_058790](#)

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