

## 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                                                                                                                            |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA