

RP00251

Leader in Biomolecular Solutions for Life Science



Recombinant Human Growth hormone receptor/GHR Protein

Catalog No.: RP00251 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	2690	P10912

Tags

C-hFc&His

Synonyms

GHR;GHBP;GHIP

Product Information

Source	Purification
	≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 0.01 EU/μg of the protein by LAL method

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact



www.abclonal.com

Background

Basic Information

Description

Recombinant Human Growth hormone receptor/GHR Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ala 27 - Tyr 264) of human Growth Hormone Receptor (GHR) (Accession #NP_000154.1) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human GH at 2 μg/mL (100 μL/well) can bind Human GHR with a linear range of 0.1-8.58 ng/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

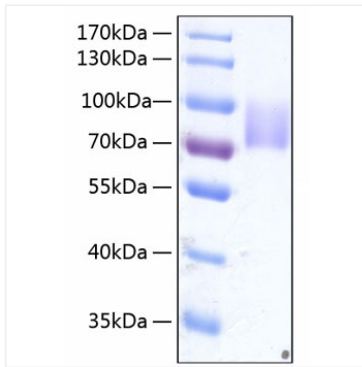
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

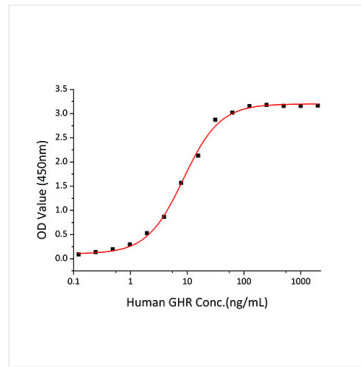
Avoid repeated freeze/thaw cycles.

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Validation Data



Recombinant Human Growth hormone receptor/GHR Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human GH at 2 $\mu\text{g/mL}$ (100 $\mu\text{L/well}$) can bind Human GHR with a linear range of 0.1-8.58 ng/mL.