

Recombinant Human Growth hormone receptor /GHR Protein

Catalog No.: RP00251

Sequence Information

Species	Gene ID
Human	2690
Swiss Prot	Tags
P10912	C-hFc&His

Synonyms

GHR,GHBP,GHIP

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW

54.46 kDa

Observed MW
70-85 kDa

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.

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.

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

Lyophilized proteins are shipped at ambient temperature.

Liquid proteins are shipped at frozen temperature with dry ice.

Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

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

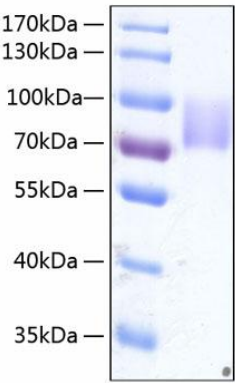
Contact

☎ | 400-999-6126

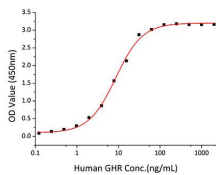
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Validation Data



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.