

Active Recombinant Human GHR protein, hFc&His-tagged

Cat. No. GHR-1260H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active 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.
Species	Human
Source	HEK293
ProteinLength	Ala 27 - Tyr 264
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
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.
Molecular Mass	70-85 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

Gene Name GHR growth hormone receptor [Homo sapiens]

Official Symbol GHR

Synonyms GHR; growth hormone receptor; GH receptor; serum binding protein; somatotropin receptor; growth hormone binding protein; GHBP;

Gene ID 2690

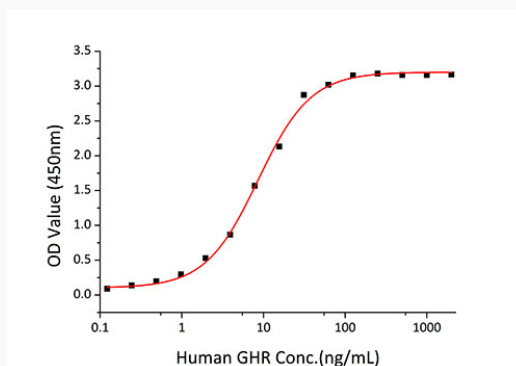
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Protein Refseq NP_000154

MIM 600946

UniProt ID P10912

Activity

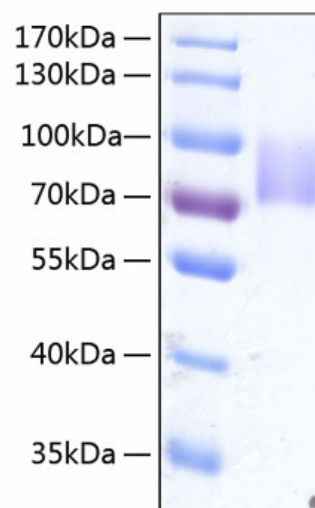


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SDS-PAGE



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