

Product Datasheet

Recombinant Human Growth hormone receptor (GHR), partial, Biotinylated (Active) (orb1095891)

Catalog Number	orb1095891
Category	Proteins
Description	This Recombinant Human Growth hormone receptor (GHR), partial, Biotinylated (Active) spans the amino acid sequence from region 27-264aa. Purity: Greater than 95% as determined by SDS-PAGE.
Tag	C-terminal mFc-Avi-tagged
Form/Appearance	Lyophilized powder
Buffer/Preservatives	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Purity	Greater than 95% as determined by SDS-PAGE.
Protein Sequence	AILSRAPWSLQSVNPGLKTNSSKEPKFTKCRSPERETF SCHWTDDEVHHGTKNLGPIQLFYTR RNTQEWTEWKECPDYVSAGENS CYFNSSFTSIWIPYCIKLTNSGGTVDEKCFVDEIVQP DPPIALNWTL LNVS LTGIHADIQVRWEAPRNADIQKGWMVLEYELQYKEVNETKWKMMDP LTTSPVYSLKVDKEYEVRVRSKQRNSGNYGEFSEVLYVTLPQMSQFTCEEDFY
Protein Length	Partial
UniProt ID	P10912
MW	56.6 kDa
Application notes	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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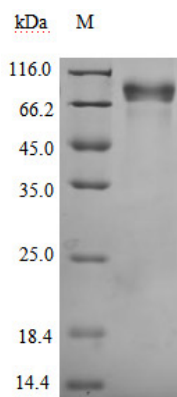
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Endotoxins	Less than 1.0 EU/ μ g as determined by LAL method.
Source	Mammalian cell
Biological Origin	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human GH1 at 2 μ g/ml can bind Biotinylated human GHR, the EC50 is 2.067-3.208 ng/ml.
Expression Region	27-264aa
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Note	For research use only
Expiration Date	6 months from date of receipt.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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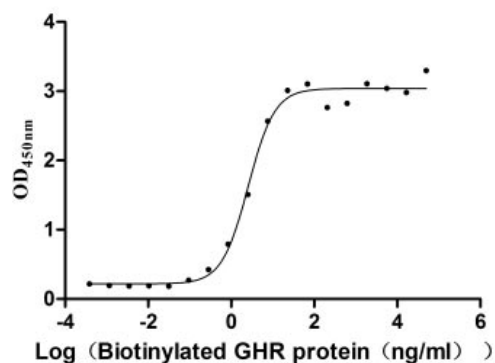
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Measured by its binding ability in a functional ELISA. Immobilized human GH1 at 2 $\mu\text{g/ml}$ can bind Biotinylated human GHR, the EC₅₀ is 2.067-3.208 ng/ml.

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