

Growth hormone receptor (GHR) Active Protein | GHR active protein

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

CATALOG #
AAA278905

HOST
Mammalian Cell

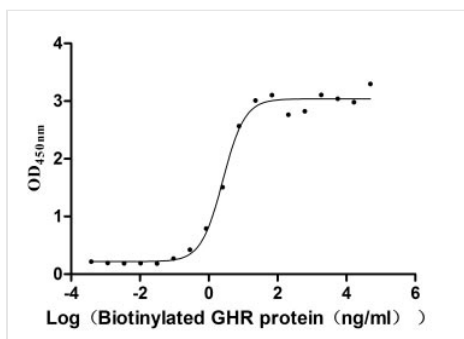
PRODUCT SYNONYMS

Growth hormone receptor (GHR); Recombinant Human Growth hormone receptor (GHR); partial; Biotinylated (Active); GHR active protein

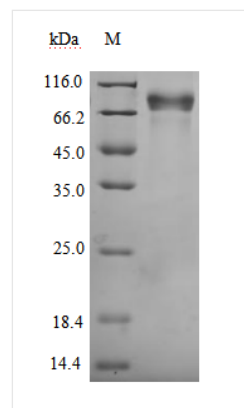
PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-264aa, Partial
Sequence	AILSRA PWSL QSVNPGLKTN SSKEPKFTKC RSPERETFSC HWTDEVHHGT KNLGPIQLFY TRRNTQEWQ EWKECPDYVS AGENSCYFNS SFTSIWIPYC IKLTSNGGTV DEKCFVDEI VQDPPIALN WTLLNVSLTG IHADIQVRWE APRNADIQKG WMVLEYELQY KEVNETKWKM MDPILTTSVP VYSLKVDKEY EVRVRSKQRN SGNYGEFSEV LYVTLPQMSQ FTCEEDFY
Species	Homo sapiens (Human)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Reconstitution	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. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human GH1 at 2ug/mL can bind Biotinylated human GHR, the EC50 is 2.067-3.208ng/mL.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE

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

ADDITIONAL INFORMATION

Product Categories/Family for GHR active protein	Neuroscience
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503993
NCBI GeneID	2690
NCBI Accession #	NP_000154.1
NCBI GenBank Nucleotide #	NM_000163.4
UniProt Accession #	P10912; Q9HCX2
Molecular Weight	71,500 Da
NCBI Official Full Name	growth hormone receptor isoform 1
NCBI Official Synonym Full Names	growth hormone receptor
NCBI Official Symbol	GHR
NCBI Official Synonym Symbols	GHBP
NCBI Protein Information	growth hormone receptor; GH receptor; serum binding protein; somatotropin receptor; growth hormone binding protein
UniProt Protein Name	Growth hormone receptor
UniProt Gene Name	GHR
UniProt Synonym Gene Names	GH receptor; GH-binding protein; GHBP
UniProt Entry Name	GHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/growth-hormone-receptor-ghr/278905>