Product Name: Recombinant Mouse GHR (C-Fc)
Catalog #: PHM0763

Summary

Name	Growth Hormone Receptor/GHR/GHBP
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Growth Hormone Receptor is produced by our Mammalian expression system and the target gene encoding Met1-Gln273 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q3UP14
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	58.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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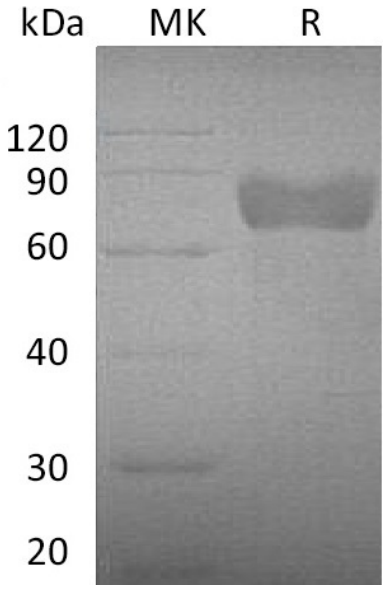

Alternative Names

growth hormone binding protein; growth hormone receptor; serum binding protein; Somatotropin receptor;GHR; GH receptor; GHBP

Background

Growth hormone receptor is a transmembrane receptor for growth hormone (GH). GH is a single-chain polypeptide that is mainly synthesized and released from the anterior pituitary gland and plays essential roles in growth, development and metabolism. GH exerts its physiological actions via GH binding to its receptor in its extracellular domain. Binding of growth hormone to the receptor leads to receptor dimerization and the activation of an intra- and intercellular signal transduction pathway leading to growth. Growth hormone receptor has been shown to interact with SGTA, PTPN11, Janus kinase 2, Suppressor of cytokine signaling 1 and CISH.

Note

For Research Use Only , Not for Diagnostic Use.