

Datasheet for ABIN7320745

Growth Hormone Receptor Protein (GHR) (Fc Tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Growth Hormone Receptor (GHR)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Growth Hormone Receptor protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Mouse Growth Hormone Receptor/GHR Protein (Fc Tag)
Sequence:	Met1-Gln273
Characteristics:	Recombinant Mouse Growth Hormone receptor is produced by our Mammalian expression system and the target gene encoding Met1-Gln273 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Growth Hormone Receptor (GHR)
Alternative Name:	Growth Hormone Receptor/GHR (GHR Products)
Background:	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

Target Details

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.

Synonym: growth hormone binding protein, growth hormone receptor, serum binding protein, Somatotropin receptor,GHR, GH receptor, GHBP

Molecular Weight:	58.3 kDa
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UniProt:	Q3UP14
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Pathways:	NF-kappaB Signaling , JAK-STAT Signaling , Response to Growth Hormone Stimulus
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Application Details

Restrictions:	For Research Use only
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Handling

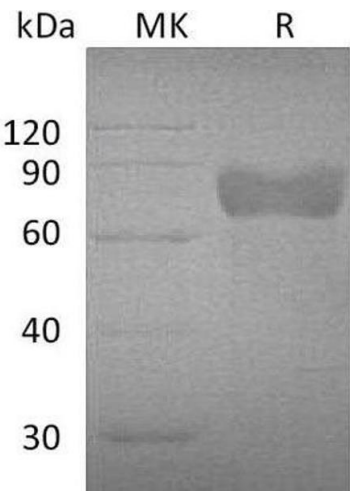
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.