

Growth Hormone R/GHR Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P70850
Synonyms:	growth hormone binding protein; growth hormone receptor; serum binding protein; Somatotropin receptor; GHR; GH receptor; GHBP
Species:	Mouse
Source:	HEK293
Accession:	Q3UP14 (M1-Q273)
Gene ID:	14600
Molecular Weight:	65-90 kDa

PROPERTIES

AA Sequence	<pre> MDLCQVFLTL ALAVTSSTFS GSEATPATLG KASPVLQRIN PSLGTSSSGK PRFTKCRSPE LETFSCYWTE GDNPD LKTPG SIQLYYAKRE SQRQAARIAH EWTQEWKECP DYVSAGKNSC YFNSSYTSIW IPYCIKLTNN GDLLDQKCFT VDEIVQPDPP IGLNWTL LNI SLTGIRGDIQ VSWQPPPNAD VLKGWIILEY EIQYKEVNES KWKVMGPIWL TYCPVYSLRM DKEHEVRVRS RQRSFEKYSE FSEVLRVIFP QTNILEACEE DIQ </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The Growth Hormone R/GHR Protein, particularly in its soluble form known as GHBP, serves as a reservoir for growth hormone in plasma. This soluble variant has the additional role of potentially modulating or inhibiting growth hormone signaling. By acting as a reservoir, GHBP contributes to the regulation and availability of growth hormone in the circulatory system, and its modulatory or inhibitory function suggests a regulatory role in the complex signaling pathways associated with growth hormone activity.
-------------------	---

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA