

## Growth Hormone Binding Protein Rabbit Recombinant

<b>Item Number</b>	rAP-2284
<b>Synonyms</b>	GHR, GHBP, GH receptor, Somatotropin receptor.
<b>Description</b>	Growth Hormone Binding Protein Rabbit Extracellular Domain Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 249 amino acids and having a molecular mass of 28 kDa. GHBP Rabbit is purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P19941
<b>Amino Acid Sequence</b>	AFSGSEATPATLGRASESVQRVHPGLGTNSSGKPKFTKCRSPELETFSCHWTDGVHHGLK-SPGSVQLFYIRRNTQEWTQEWKECPDYVSAGENSICYFNSSYTSIWIPYCIKLTNNGMVDQKCFVVEEIVQPDPPIGLNWTLNLSLTGIHADIQVRWEPNADVQKGWIVLEYELQYKEVNETQWKMMDPVLSTSVPVYSLRDKKEYEVRVRSRQRSSEKYGEFSEVLVYVTLPQMSPFTCEEDFRFP.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Growth Hormone Binding Protein Rabbit although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GHBP Rabbit should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-
<b>Formulation and Purity</b>	The Growth Hormone Binding Protein Rabbit was lyophilized from a concentrated (1mg/ml) solution with 0.0045mM NaHCO <sub>3</sub> . Greater than 98.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized GHBP Rabbit in sterile 0.4% NaHCO <sub>3</sub> pH 10, not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Evidenced by its ability of forming 2:1 complex with non-primate Growth Hormones.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**