

Rabbit GHBP Recombinant Protein



RPPB0351

Product Information Protein Information

Product SKU:

RPPB0351

Accession:

P19941

Host:

Escherichia Coli.

Protein description:

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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

GHR, GHBP, GH receptor, Somatotropin receptor.

Formulation:

The Growth Hormone Binding Protein Rabbit was lyophilized from a concentrated (1mg/ml) solution with 0.0045mM NaHCO₃.

Purity:

Greater than 98.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized GHBP Rabbit in sterile 0.4% NaHCO₃ pH 10, not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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-thaw cycles.

Amino Acid Sequence:

AFSGSEATPATLGRASESVQRVHPGLGTNSSGKPKFTKCRSPELETFSCHWTDGVHHLKSPGVSQQLFYIRRTQE
WTQEWKECPDYVSAGENSICYFNSSYTSIWIPYCIKLTNNGMVDQKCFVVEIVQPDPIGLNWTLLNVSLTGIHA
DIQVRWEPPNADVQKGWIVLEYELQYKEVNETQWKMMDPVLSTSVPVYSLRLDKEYEVRVRSRQRSEKYGFESE
VLYVTLPQMSPFTCEEDFRFP.

Biological Activity:

Evidenced by its ability of forming 2:1 complex with non-primate Growth Hormones.