

RPPB0347

Product Information Protein Information

Product SKU:

RPPB0347

Accession:

P10912

Host:

Escherichia Coli.

Protein description:

GHBP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 248 amino acids and having a molecular mass of 28107.01 Dalton. GHR is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

GHBP was lyophilized from a concentrated (1mg/ml) solution with 0.0045mM NaHCO₃.

Purity:

Greater than 98.0% as determined by:(a) Analysis by SEC-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized GHBP in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized GHBP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution GHBP 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:

AFSGSEATAAILSRAPWSLQSVNPGLKTNS
SKEPKFTKCRSPERETFCHWTDVHHGTKNLGPIQLFYTRRNTQEWTKCEPDYVSA
GENSCYFNSSFTSIWIPYCIKLTSSGGTVDEKCFVDEIVQDPPIALNWTLNLSLTGI
HADIQVRWEAPRNADIQKGMVLELQYKEVNETKWKMMDPILTTSVPVYSLKVDKEYE
VRVRSKQRNSGNYGEFSEVLYVTLPMQMSQFTCEEDFYF.

Biological Activity:

GHBP is fully biologically active as evidenced by its ability of forming 2:1 complex with G.H.