

RPPB0349

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## Product Information    Protein Information

**Product SKU:**

RPPB0349

**Accession:**

P10912

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

GHBP Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 254 amino acids (19-264aa) and having a molecular mass of 29.4kDa. GHBP is fused to a 8 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

GHR, GHBP, GHIP.

**Formulation:**

The GHBP solution (1mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

FSGSEATAAI LSRAPWSLQS VNPGLKTNSS KEPKFTKCRS PERETFSCHW TDEVHHGTKN LGPIQLFYTR  
RNTQEWTEW KECPDYVSAG ENSCYFNSSF TSIWIPYCIK LTSNGGTVDE KCFSVDEIVQ PDPPIALNWT  
LLNVSLTGIH ADIQRWEAP RNADIQGWMM VLEVELQYKE VNETKWKMMMD PILTTSVPVY SLKVDKEYEV  
RVRSKQRNSG NYGEFSEVLY VTLPQMSQFTCEEDFYLEHH HHHH

**Biological Activity:**

Measured by ability to inhibit GH-induced proliferation assay using Nb2-11 Rat lymphoma cells in the presence of 1.25ng/ml of human growth hormone. The ED50 for this effect is equal or less than 10ng/ml.