

GHBP Human, Growth Hormone Binding Protein Human Recombinant Protein, His Tag

Catalog Number: PROTP10912-1

Introduction

Growth hormone receptor, also known as GHR is part of the cytokine receptor family. GHR binds 2 receptor molecules and in this manner induces signal transduction through receptor dimerization. Furthermore, at high concentrations, growth hormone performs as an antagonist since there is a large difference in affinities at the respective binding sites. The antagonist action can be enhanced further by reducing binding in the low affinity binding site.

Overview

Product Name	GHBP Human, Growth Hormone Binding Protein Human Recombinant Protein, His Tag
Description	GHBP produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 254 amino acids (19-264a.a.) and having a molecular mass of 29.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). GHBP is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.
Size	2ug, 10ug, 1mg
Tag	
Form	Sterilefiltered colorless solution.
Source	Sf9, Insect cells.
Formulation	GHBP protein solution (1mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.

Concentration

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

FSGSEATAAI LSRAPWSLQS VNPGLKTNSS KEPKFTKCRS PERETFCHWTDVHHGTKN LGPIQLFYTR RNTQEWTQEW KECPDYVSAG
ENSCYFNSSF TSIWIPYCIK LTSNGGTVDKCFVDEIVQ PDPPIALNWT LLNVSLTGIH ADIQVRWEAP RNADIQKGWM
VLEYELQYKEVNETKWKMMD PILTTSVPVYSLKVDKEYEV RVRSKQRNSG NYGEFSEVLY VTLPQMSQFT CEEDFYLEHH HHHH.

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