9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GHBP Rat

GH Binding Protein Rat Recombinant
GRF0135

Product Overview

Name	GHBP Rat
Description	
GH Binding Protein Rat Recombinant	
Accession (Primary)	P16310
Synonyms	
GHBP, GH receptor.	
Introduction	
GH 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, GH 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.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
GHBP protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
FPGSGATPAT LGKASPVLQR INPSLRESSS GKPRFTKCRS PELETFSCYW TEGDDHNLKV PGSIQLYYAR RIAHEWTPEW KECPDYVSAG ANSCYFNSSY TSIWIPYCIK LTTNGDLLKE KCFTVDEIVQ PDPPIGLNWT LLNISLPGIR GDIQVSWQPP PSADVLKGWI ILEYEIQYKE VNETKWKTMS PIWSTSVPLY SLRLDKEHEV RVRSRQRSFE KYSEFSEVLR VTFPQMDTLA ACEEDFR LEH HHHHH .	
Precautions	

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GHBP Rat is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16310)