

Rat Growth Hormone Receptor / GHR / GHBP (His Tag) recombinant protein



Catalog Number: 503276

General Information

Gene Name Synonym

Somatotropin receptor; Growth hormone-binding protein; Serum-binding protein

Protein Construction

A DNA sequence encoding the rat GHR (P16310-1) extracellular domain (Met 1-Arg 265) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Phe 19

Molecular Mass

The recombinant rat GHR comprises 258 amino acids and predicts a molecular mass of 29.6 kDa. The apparent molecular mass of the ratGHR is approximately 35-45 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

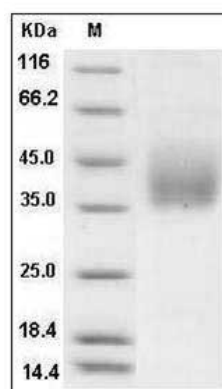
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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