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

Catalog Number: 500905



#### **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) (Met1-Arg265) was expressed with the Fc region of human IgG1 at the C-terminus.

# **Organism**

Rat

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 95 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  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/Fc is a disulfide-linked

homodimer. The reduced monomer comprises 488 amino acids and has a predicted molecular mass of 55.4 kDa. The apparent molecular mass of the protein is approximately 66 kDa in SDS-PAGE under reducing conditions.

#### **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**

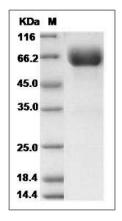
## **Storage**

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**



Rat Growth Hormone Receptor / GHR / GHBP Protein (Fc Tag) SDS-PAGE