

Human PS6K / RPS6KB1 (GST Tag) recombinant protein



Catalog Number: 504699

General Information

Protein Construction

A DNA sequence encoding the human RPS6KB1 (P23443-Alpha I) (Met1-Leu525) was fused with the GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

No Kinase Activity

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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

Met

Molecular Mass

The recombinant human RPS6KB1 consists of 750

amino acids and predicts a molecular mass of 85.4 KDa. The apparent molecular mass of the protein is approximately 96 Kda in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 1mM GSH

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

Usage Guide

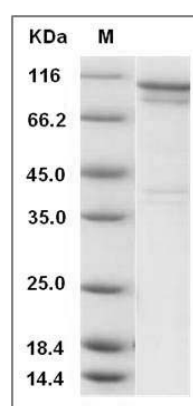
Storage

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



Human PS6K / RPS6KB1 Protein (GST Tag) SDS-PAGE