

Human STXBP1 (His & GST Tag) recombinant protein



Catalog Number: 500324

General Information

Gene Name Synonym

MUNC18-1; N-Sec1; Protein unc-18 homolog 1; Protein unc-18 homolog A; p67

Protein Construction

A DNA sequence encoding the human STXBP1 isoform 1 (P61764-1) (Met 1-Ser 594) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 93 % 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

Met

Molecular Mass

The recombinant human STXBP1/GST chimera consists of 831 amino acids and has a calculated molecular mass of 95.4 kDa. It migrates as an approximately 80 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, 10% gly, pH 8.0

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

Usage Guide

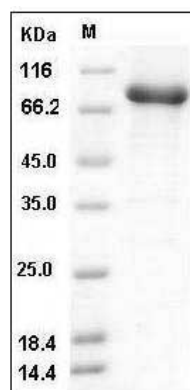
Storage

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 STXBP1 / UNC18A Protein (His & GST Tag) SDS-PAGE