

Recombinant Human STXBP1 protein, His&GST-tagged

Cat. No. STXBP1-3924H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STXBP1 protein(P61764-1)(Met1-Ser594), fused with His&GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ser594
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, 10% gly, pH 8.0Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name STXBP1 syntaxin binding protein 1 [Homo sapiens]

Official Symbol STXBP1

Synonyms STXBP1; syntaxin binding protein 1; syntaxin-binding protein 1; hUNC18; MUNC18 1; rbSec1; UNC18; N-Sec1; unc-18A; unc18-1; neuronal SEC1; protein unc-18 homolog 1; protein unc-18 homolog A; P67; NSEC1; RBSEC1; MUNC18-1; FLJ37475;

Gene ID 6812

mRNA Refseq NM_001032221

Protein Refseq NP_001027392

MIM 602926

UniProt ID P61764

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