

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) (Met 1-Ser 594) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-594 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, 10% gly, pH 8.0.
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	> 93 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

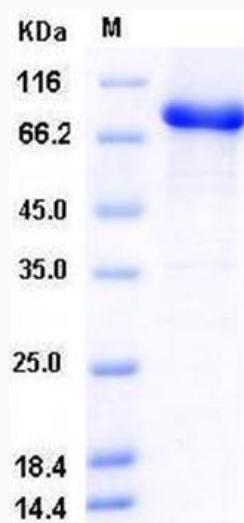
Gene Name	STXBP1 syntaxin binding protein 1 [Homo sapiens]
Official Symbol	STXBP1
Synonyms	STXBP1; syntaxin binding protein 1; syntaxin-binding protein 1; hUNC18; MUNC18 1; rbSec1; UNC18; N-Sec1; unc-18A; unc18-1; neuronal SEC1; protein unc-18 homolog 1; protein unc-18 homolog A; P67; NSEC1; RBSEC1; MUNC18-1; FLJ37475;
Gene ID	6812
mRNA Refseq	NM_001032221
Protein Refseq	NP_001027392
MIM	602926
UniProt ID	P61764

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SDS-PAGE



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