

Recombinant Human STXBP1 protein, N-terminal 6xHis-MBP-tagged

Cat. No. STXBP1-3540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STXBP1 protein(P61764)(1-594aa), fused to N-terminal His-MBP tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-594aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	111.3 kDa
AA Sequence	MAPIGLKAVVGEKIMHDTVKKVKKKGEWKVLVVDQLSMRMLSSCCKMTDIMTEGITIV EDINKRREPLPSLEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNE LVKSRAAKVIKTLTEINIAFLPYESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQI ATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLDAYKADDPTMGEGPDKARSQLLIL DRGFDPSSPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVLLDEDDDLWIAL RHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTH LHLAEDCMKHYQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDK IRIILLYIFLKNNGITEENLNKLIQHAQIPPEDSEITNMAHLGVPIVTDSTLRRRSKPERKE

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RISEQTYQLSRWTPIIKDIMEDTIEDKLDTKHYPYISTRSSASFSTTAVSARYGHWK
 NKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQANGKWEVLIGSTHILTPQKLLDTL
 KKLNKTDEEISS

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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

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UniProt ID

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