

Recombinant Human STXBP1 protein

Cat. No. STXBP1-4582H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STXBP1 protein(P61764)(1-594aa) 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	67.7 kDa
AA Sequence	<p>MAPIGLKAVVGEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCCKMTDIMTEGITIV EDINKRREPLPSLEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNE LVKSRAAKVIKTLTEINIAFLPYESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQI ATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLDAYKADDPTMGEGPDKARSQLLIL DRGFDPPSSPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVLLDEDDDLWIAL RHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTH LHLAEDCMKHYYQGTVDKLCRVEQDLAMGTDAEAGEKIKDPMRAIVPILLDANVSTYDK IRIILLYIFLKNNGITEENLNKLIQHAQIPPEDSEIITNMAHLGVPIVTDSTLRRRSKPERKE RISEQTYQLSRWTPIIKDIMEDTIEDKLDTKHYPYISTRSSASFSTTAVSARYGHWHK NKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQANGKWEVLIGSTHILTPQKLLDTL KKLNKTDEEISS</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

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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