

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 | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| Molecular Mass | 111.3 kDa |
| AA Sequence | <p>MAPIGLKAVVGEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCCKMTDIMTEGITIV EDINKRREPLPSLEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNE LVKSRAAKVIKTLTEINIAFLPYESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQI ATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLDAYKADDPTMGEGPDKARSQLLIL DRGFDPSSPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVLLDEDDDLWIAL RHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTH LHLAEDCMKH YQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDK IRIILLYIFLKN GITEENLNKLIQHAQIPPEDSEIITNMAHLGVPIVTDSTLRRRSKPERKE</p> |

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RISEQTYQLSRWTPIIKDIMEDTIEDKLDTKHYPYISTRSSASFSTTAVSARYGHWHK
 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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