

## Recombinant Human STXBP1 protein, His-tagged

**Cat. No.** STXBP1-5067H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human STXBP1 protein(P61764)(1-594aa), fused to N-terminal His tag, was expressed in HEK293.                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-594aa                                                                                                                                                                                                                                                       |
| <b>Form</b>             | <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>              |
| <b>Molecular Mass</b>   | 68.6 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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%. |

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## 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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