

## Recombinant Human STXBP3 protein, GST-tagged

**Cat. No.** STXBP3-3037H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human STXBP3 protein(242-592 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 242-592 aa                                                                                                                                                                                                                                        |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                             |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.           |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                          |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles. |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.<br>After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term    |

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storage.

#### AA Sequence

FDPVSTVLHELTFQAMAYDLLPIENDTYKYKTDGKEKEAILEEEDDLWVRIRHRHIAV  
VLEEIPKLMKEISSTKKATEGKTSLSALTQLMKKMPHFRKQITKQVVHLNLAEDCMNK  
FKLNIEKLCKTEQDLALGTDAEGQKVKDSMRVLLPVLLNKNHDNCDKIRAILLYIFSIN  
GTTEENLDRLIQNVKIENESDMIRNWSYLGVPVPSQSQGKPLRKDRSAEETFQLSR  
WTPFIKDIMEDAIDNRLDSKEWPYCSQCPAVWNGSGAVSARQKPRANYLEDKNG  
SKLIVFVIGGITYSEVRCAYEVSQAHKSCEVIIGSTHVLTPKKLLDDIKMLNKPDKVSL  
IKDE

### GENE INFORMATION

**Gene Name** [STXBP3 syntaxin binding protein 3 \[ Homo sapiens \]](#)

**Official Symbol** [STXBP3](#)

#### Synonyms

STXBP3; syntaxin binding protein 3; syntaxin-binding protein 3; UNC 18C; unc18-3; platelet Sec1 protein; protein unc-18 homolog 3; protein unc-18 homolog C; syntaxin 4 binding protein; PSP; MUNC18C; UNC-18C; MUNC18-3;

**Gene ID** [6814](#)

**mRNA Refseq** [NM\\_007269](#)

**Protein Refseq** [NP\\_009200](#)

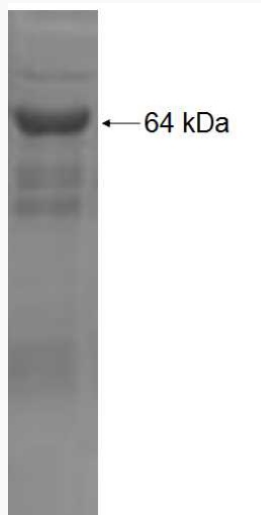
**MIM** [608339](#)

**UniProt ID** [O00186](#)

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**SDS-PAGE**

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