

## Recombinant Human STXBP3, His-tagged

**Cat. No.** STXBP3-3036H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human STXBP3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                            |
| <b>Species</b>          | Human                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                               |
| <b>ProteinLength</b>    | 242-592aa                                                                                                                                                            |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | STXBP3 syntaxin binding protein 3 [ Homo sapiens ]                                                                                                                                                                        |
| <b>Official Symbol</b> | STXBP3                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | 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; |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 6814                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_007269                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>      | NP_009200                                                                                                                                                                                                                                                       |
| <b>MIM</b>                 | 608339                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | O00186                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 1p13.3                                                                                                                                                                                                                                                          |
| <b>Pathway</b>             | Disinhibition of SNARE formation, organism-specific biosystem; Hemostasis, organism-specific biosystem; Insulin Signaling, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Response to elevated plate |
| <b>Function</b>            | protein binding; syntaxin binding; syntaxin-1 binding; syntaxin-2 binding;                                                                                                                                                                                      |

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