

Recombinant Human STXBP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STXBP3-5935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STXBP3 MS Standard C13 and N15-labeled recombinant protein (NP_009200) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	STXBP3 (Syntaxin Binding Protein 3) is a Protein Coding gene. Diseases associated with STXBP3 include Hemophagocytic Lymphohistiocytosis, Familial, 4. Among its related pathways are Response to elevated platelet cytosolic Ca ²⁺ and Translocation of GLUT4 to the plasma membrane. Gene Ontology (GO) annotations related to this gene include syntaxin binding and syntaxin-1 binding. An important paralog of this gene is STXBP1.
Molecular Mass	67.8 kDa
AA Sequence	MAPPVAERGLKSVVWQKIKATVFDDCKKEGEWKIMLLDEFTTKLLASCKMTDLLEE GITVVENIYKNREPVRQMKALYFITPTSKSVDCFLHDFASKSENKYKAAAYIFTDFCP DNLFNKIKASCSSIRRCKEINISFIPHESQVYTLDPDAFYCYSPDPGNAKGKDAIM ETMADQIVTVCATLDENPGVRYKSKPLDNASKLAQLVEKKLEDYYKIDEKSLIKGKTH SQLLIIDRGFDPVSTVLHELTFQAMAYDLLPIENDTYKYKTDGKEKEAILEEEDDLWV RIRHRHIAVVLEEIPKLMKEISSSTKKATEGKTSLSALTQLMKKMPHFRKQITKQVVHLN LAEDCMNKFKNIEKLCCKTEQDLALGTDAGQVKDSMRVLLPVLLNKNHNDCKIR

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AILLYIFSINGTTEENLDRLIQNVKIENESDMIRNWSYLGVPVQPSSQQGKPLRKDRSA
 EETFQLSRWTPFIKDIMEDAIDNRLDSKEWPYCSQCPAVWNGSGAVSARQKPRANY
 LEDRKNGSKLIVFVIGGITYSEVRCAYEVVSAHKSCEVIIGSTHVLTPKLLDDIKMLN
 KPKDKVSLIKDETRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name STXBP3 syntaxin binding protein 3 [Homo sapiens (human)]

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

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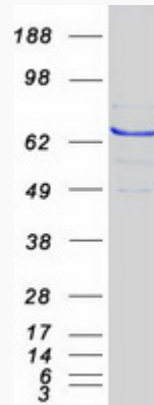
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MIM 608339

UniProt ID O00186

SDS-PAGE



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