

Product datasheet for **TP308398L**

Munc18c (STXBP3) (NM_007269) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human syntaxin binding protein 3 (STXBP3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208398 protein sequence Red =Cloning site Green =Tags(s)

MAPPVAERGLKSVVWQKIKATVFDDCKKEGEWKIMLLDEFTTKLLASCCKMTDLLEEGITVVENIYKNRE
PVRQMKALYFITPTS KSVDCFLHDFASKSENKYKAAIYFTDFCPDNLFNKIKASCSSKIRRCKEINISF
IPHESQVYTLDV PDAFYCYSPDPGNAKGKDAIMETMADQIVTVCATLDENPGVRYKSKPLDNASKLAQL
VEKKLEDYYKID EKSLIKGKTHS QLLIIDRGFDPVSTVLHELTFQAMAYDLLPIENDTYKYKTDGKEKEA
ILEEEDDLWVRIRHRHIAVVLEEIPKLMKEISSTKKATEGKTSLSALTQLMKKMPHFRKQITKQVVHLNL
AEDCMNKFKNIEKLC KTEQDLALGTD AEGQVKVDSMRVLLPVLLNKNHDNCDKIRAILLYIFSINGTTE
ENLDRLIQNVKIENESDMIRNWSYLGVPVIPSQQGKPLRKDRSAEETFQLSRWTPFIKDIMEDAIDNRL
DSKEWPYCSQCPAVWNGSGAVSARQKPRANYLED RKNKGLIVFVIGGITYSEVRCAYEVSQAHKSCSEVI
IGSTHVLTPKLLDDIKMLNPKDKVSLIKDE

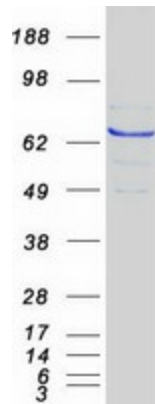
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	67.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_009200
Locus ID:	6814
UniProt ID:	O00186
RefSeq Size:	2522
Cytogenetics:	1p13.3
RefSeq ORF:	1776
Synonyms:	MUNC18-3; MUNC18C; PSP; UNC-18C
Summary:	Together with STX4 and VAMP2, may play a role in insulin-dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes.[UniProtKB/Swiss-Prot Function]
Protein Families:	Stem cell - Pluripotency

Product images:

Coomassie blue staining of purified STXBP3 protein (Cat# [TP308398]). The protein was produced from HEK293T cells transfected with STXBP3 cDNA clone (Cat# [RC208398]) using MegaTran 2.0 (Cat# [TT210002]).