

Product datasheet for PH308398

Munc18c (STXBP3) (NM_007269) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STXBP3 MS Standard C13 and N15-labeled recombinant protein (NP_009200)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208398
Predicted MW:	67.8 kDa
Protein Sequence:	>RC208398 protein sequence Red=Cloning site Green=Tags(s)

MAPPVAERGLKSVVWQIKATVFDCKKEGEWKIMLLDEFTTKLLASCCKMTDLLLEEGITVVENIYKNRE
PVRQMKALYFITPTSKSVDCFLHDFASKSENKYKAAYIYFTDFCPDNLFNKIKASCSSIRRCKEINISF
IPHESQVYTLDPDAFYCYSPDPGNAKGKDAIMETMADQIVTVCATLDENPGVRYKSKPLDNASKLAQL
VEKKLEDDYKIDEKSLIKGKTHSQLLIIDRGFDPVSTVLHELTFQAMAYDLLPIENDTYKYKTDGKEKEA
ILEEEDDLWVIRHRHIAVVLLEIPKLMKEISSTKKATEGKTSLSALTQLMKMPHFRKQITKQVHLNL
AEDCMNKFKNIEKLCQTEQDLALGTAEGQVKDSMRVLLPVLLNKNHDNCDKIRAILLYIFSINGTTE
ENLDRLIQNVKIENESDMIRNWSYLGVPVVPQSQGKPLRKDRSAEETFQLSRWTFPIKDIMEDAIDNRL
DSKEWPYCSQCPAVWNGSGAVSARQKPRANYLEDKNGSKLIVFVIGGITYSEVRCAYEVSQAHSCEVI
IGSTHVLTPKKLLDDIKMLNPKPKDKVSLIKDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

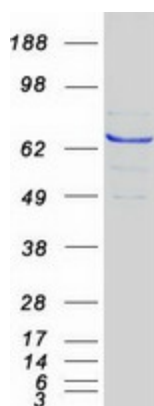
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_009200
RefSeq Size:	2522
RefSeq ORF:	1776



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Synonyms:	MUNC18-3; MUNC18C; PSP; UNC-18C
Locus ID:	6814
UniProt ID:	O00186
Cytogenetics:	1p13.3
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]).