

Product datasheet for PH304873

Munc18 1 (STXBP1) (NM_001032221) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	STXBP1 MS Standard C13 and N15-labeled recombinant protein (NP_001027392)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204873
Predicted MW:	67.6 kDa
Protein Sequence:	>RC204873 protein sequence Red=Cloning site Green=Tags(s)

MAPIGLKAVVGEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCKMTDIMTEGITIVEDINKRREPLPS
LEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRAAKVIKTLTEINIAFLPY
ESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLD
AYKADDPTMGEGPKARSQLLILDRGFDPPSSVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVL
LDEDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTHLHL
AEDCMKHYQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNNGITE
ENLNKLIQHAQIPPEDSEIITNMAHLGVPITVDSTLRRRSKPERKERISEQTYQLSRWTPAIKDIMEDTI
EDKLDTKHYPYISTRSSASFSTTAVSARYGHWKKNKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQAN
GKWEVLIGSTHILTPQKLLDTLKKLNKTDEEISS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

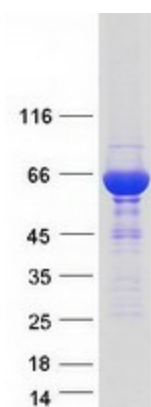
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_001027392
RefSeq Size:	3850
RefSeq ORF:	1782



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Synonyms:	DEE4; MUNC18-1; N-Sec1; NSEC1; P67; RBSEC1; unc-18A; UNC18; unc18-1
Locus ID:	6812
UniProt ID:	P61764
Cytogenetics:	9q34.11
Summary:	This gene encodes a syntaxin-binding protein. The encoded protein appears to play a role in release of neurotransmitters via regulation of syntaxin, a transmembrane attachment protein receptor. Mutations in this gene have been associated with infantile epileptic encephalopathy-4. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2010]

Product images:



Coomassie blue staining of purified STXBP1 protein (Cat# [TP304873]). The protein was produced from HEK293T cells transfected with STXBP1 cDNA clone (Cat# [RC204873]) using MegaTran 2.0 (Cat# [TT210002]).