

Product datasheet for **TP318471M**

Munc18 1 (STXBP1) (NM_003165) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens syntaxin binding protein 1 (STXBP1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218471 representing NM_003165 Red =Cloning site Green =Tags(s)

MAPIGLKAVGEEKIMHDVIKVKKKKGEWKVLVVDQLSMRMLSSCCKMTDIMTEGITIVEDINKRREPLPS
LEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALELVKSRAAKVIKTLTEINIAFLPY
ESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLD
AYKADDPTMGEGPDKARSQLLILDRGFDPPSPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVL
LDEDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTHLHL
AEDCMKHYPQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNIGITE
ENLNKLIQHAQIPPEDSEIITNMAHLGVPVITDSTLRRRSKPERKERISEQTYQLSRWTPPIKDIMEDTI
EDKLDTKHYPYISTRSSASFSTTAVSARYGHWKHNKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQAN
GKWEVLIGSTHILTPTKFLMDLRHPDFRESSRVSFEDQAPTME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

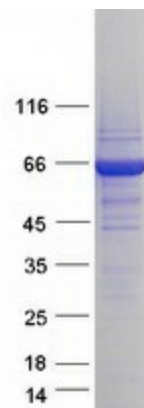
Tag:	C-Myc/DDK
Predicted MW:	68.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_003156
Locus ID:	6812
UniProt ID:	P61764
RefSeq Size:	3899
Cytogenetics:	9q34.11
RefSeq ORF:	1809
Synonyms:	DEE4; MUNC18-1; N-Sec1; NSEC1; P67; RBSEC1; unc-18A; UNC18; unc18-1
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# [TP318471]). The protein was produced from HEK293T cells transfected with STXBP1 cDNA clone (Cat# [RC218471]) using MegaTran 2.0 (Cat# [TT210002]).