

## Product datasheet for TP318471

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218471 representing NM_003165 Red=Cloning site Green=Tags(s)

MAPIGLKAVGEEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCCKMTDIMTEGITIVEDINKRREPLPS  
LEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALELVKSRAAKVIKTLTEINIAFLPY  
ESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLD  
AYKADDPTMGEGPDKARSQLLILDRGFDPPSPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVL  
LDEDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTHLHL  
AEDCMKHYPQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNIGITE  
ENLNKLIQHAQIPPEDSEIITNMAHLGVPVITDSTLRRRSKPERKERISEQTYQLSRWTPPIKDIMEDTI  
EDKLDTKHYPYISTRSSASFSTTAVSARYGHWKHNKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQAN  
GKWEVLIGSTHILTPTKFLMDLRHPDFRESSRVSFEDQAPTME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

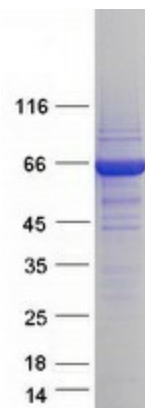
Tag:	C-Myc/DDK
Predicted MW:	68.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003156</a>
<b>Locus ID:</b>	6812
<b>UniProt ID:</b>	<a href="#">P61764</a>
<b>RefSeq Size:</b>	3899
<b>Cytogenetics:</b>	9q34.11
<b>RefSeq ORF:</b>	1809
<b>Synonyms:</b>	DEE4; MUNC18-1; N-Sec1; NSEC1; P67; RBSEC1; unc-18A; UNC18; unc18-1
<b>Summary:</b>	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]).