

Product datasheet for TP304873L

Munc18 1 (STXBP1) (NM_001032221) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human syntaxin binding protein 1 (STXBP1), transcript variant 2, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC204873 protein sequence Red =Cloning site Green =Tags(s) |

MAPIGLKAVVGEKIMHDVIKVKVKKKGEWKVLVDQLSMRMLSSCCKMTDIMTEGITIVEDINKRREPLPS
LEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALELVKSRAAKVIKTLTEINIAFLPY
ESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLD
AYKADDPTMGEGPKARSQLLILDRGFDPPSPVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVL
LDEDDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGKETTMRDLSQMLKKMPQYQKELSKYSTHLHL
AEDCMKHYYQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNIGITE
ENLNKLIQHAQIPPEDSEIITNMAHLGVPVITDSTLRRRSKPERKERISEQTYQLSRWTPIIKDIMEDITI
EDKLDTKHYPYISTRSSASFSTTAVSARYGHWKHNKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQAN
GKWEVLIGSTHILTPQKLLDTLKLNKTDEEISS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

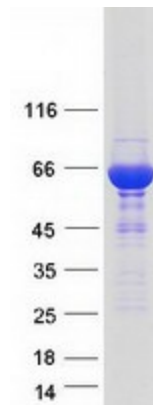
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 67.4 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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. |



[View online »](#)

| | |
|----------------------|--|
| 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_001027392 |
| Locus ID: | 6812 |
| UniProt ID: | P61764 |
| RefSeq Size: | 3850 |
| Cytogenetics: | 9q34.11 |
| RefSeq ORF: | 1782 |
| 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# [TP304873]). The protein was produced from HEK293T cells transfected with STXBP1 cDNA clone (Cat# [RC204873]) using MegaTran 2.0 (Cat# [TT210002]).