

Product datasheet for PH318471

Munc18 1 (STXBP1) (NM_003165) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | STXBP1 MS Standard C13 and N15-labeled recombinant protein (NP_003156) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC218471 |
| Predicted MW: | 68.6 kDa |
| Protein Sequence: | >RC218471 representing NM_003165 Red=Cloning site Green=Tags(s) |

MAPIGLKAVVGEKIMHDVIKKVKKKGEWKVLVVDQLSMRMLSSCKMTDIMTEGITIVEDINKRREPLPS
LEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTDSCPDALFNELVKSRAAKVIKTLTEINIAFLPY
ESQVYSLDSADSFQSFYSPHKAQMKNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLD
AYKADDPTMGEGPKARSQLLILDRGFDPPSSVLHELTFQAMSYDLLPIENDVYKYETSGIGEARVKEVL
LDEDDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMRDLSQMLKKMPQYQKELSKYSTHLHL
AEDCMKHYQGTVDKLCRVEQDLAMGTDAEGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNNGITE
ENLNKLIQHAQIPPEDSEIITNMAHLGVPITVDSTLRRRSKPERKERISEQTYQLSRWTPAIKDIMEDTI
EDKLDTKHYPYISTRSSASFSTTAVSARYGHWHKNKAPGEYRSGPRLIIFILGGVSLNEMRCAYEVTQAN
GKWEVLIGSTHILTPTKFLMDLRHPDFRESSRVSFEDQAPTME

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

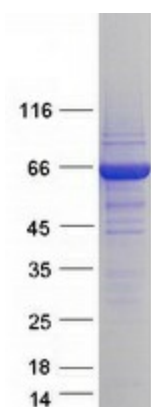
| | |
|------------------|--|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine |
| Buffer: | 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_003156 |
| RefSeq Size: | 3899 |
| RefSeq ORF: | 1809 |



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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# [TP318471]). The protein was produced from HEK293T cells transfected with STXBP1 cDNA clone (Cat# [RC218471]) using MegaTran 2.0 (Cat# [TT210002]).