

Product datasheet for TP509162

Syt3 (NM_016663) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptotagmin III (Syt3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209162 protein sequence Red =Cloning site Green =Tags(s) MSGDYEDDLRRLALIVSDLCARVRDADTNDRCQEFNELRIRGYPRGPDADISVLLSVIVTFCGIVLLG VSLFVSWKLCWVPWRDKGGSVAVGGGPLRKDLAPGVGLAGLVGGGGHHLGASLGGHPLLGGPHHHGHTAHH PPFAELLEPGGLGGSEPPEPSYLDMSYPEAAVASVVAAGVKPSQTSPELPSEGGTGSLLLLPPSGGGL PSAQSHQQVTS LAPTRYPALPRPLTQQTLTTQADPSTEERPPALPLPLPGGEEKAKLIGQIKPELYQGT GPGGRRGGGSGEAGAPCGRISFALRYLYGSDHLVVRILQALDLPKDSNGFSDPYVKIYLLPDRKKKFQT KVHRKTLNPIFNETFQFSVPLAELAQRKLHFSVYDFDRFSRHDLIGQVVDNLLELAEQPPDRPLWRDIL EGGSEKADLGELNFSLCYLPTAGRLTVTIKASNLKAMDLTGFSDPYVKASLISEGRRLKRRKTSIKKNT LNPTYNEALVFDVAPESVENVGLSIAWVDYDCIGHNEVIGVCRVGPPEADPHGREHWAEMLANPRKPVEH WHQLVEEKTLSSFTKGGKGLSEKENSE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	63.3 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_057872](#)

Locus ID: 20981

UniProt ID: [Q35681](#), [G3X9Y1](#)

RefSeq Size: 2524

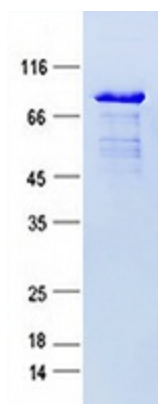
Cytogenetics: 7 28.83 cM

RefSeq ORF: 1764

Synonyms: AI385753; sytIII

Summary: Ca(2+) sensor involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain. Ca(2+) induces binding of the C2-domains to phospholipid membranes and to assembled SNARE-complexes; both actions contribute to triggering exocytosis. Plays a role in dendrite formation by melanocytes.[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Syt3 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.