

Product datasheet for TP328970L

Synaptotagmin 3 (SYT3) (NM_001160329) Human Recombinant Protein

Product data:

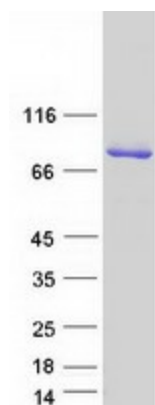
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synaptotagmin III (SYT3), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228970 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSGDYEDDLRRLILVSDLCARVRDADTNDRCQEFNDRIRGYPRGPDADISVLSLVIVTFCGIVLLGV SLFVSWKLCWVHWRDKGGSVAVGGGPLRKDLGPGVGLAGLVGGGGHHLAAGLGGHPLLGGPHHHAHAHHP PFAELLEPGSLGSDTPEPSYLDMDSYPEAAAAVAAGVKPSQTSPELPSEGGAGSGLLLLPPSGGLPS AQSHQQVTS LAPTTRYPALPRPLTQQTLTSQDPSPSEERPPALPLPLPGGEEKAKLIGQIKPELYQGTGP GGRRSGGGPGSGEAGTGAPCGRISFALRYLYGSDQLVVRILQALDLPKDSNGFSDPYVKIYLLPDRKKK FQTKVHRKTLNPFVNETFQFSVPLAELAQRKLHFSVYDFDRFSRHDLIGQVLDNLELAEQPPDRPLWR DIVEGGSEKADLGELNFSCLYLPTAGRLTVTIKASNLKAMDLTGFSDPYVKASLISEGRRLKRRKTSIK KNTLNPTYNEALVFDVAPESVENVGLSIAVVDYDCIGHNEVIGVCRVGPDAADPHGREHWAEMLANPRKP VEHWHQLVEEKTVTSFTKGSKGLSEKENSE</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	63.1 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:	NULL or Add: Recombinant proteins 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:	<u>NP_001153801</u>
Locus ID:	84258
UniProt ID:	<u>Q9BQG1, A0A024R4I9</u>
RefSeq Size:	2493
Cytogenetics:	19q13.33
RefSeq ORF:	1770
Synonyms:	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 (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003). [UniProtKB/Swiss-Prot Function]
Protein Families:	Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified SYT3 protein (Cat# [TP328970]). The protein was produced from HEK293T cells transfected with SYT3 cDNA clone (Cat# [RC228970]) using MegaTran 2.0 (Cat# [TT210002]).