

Product datasheet for TP310849L

SYT13 (NM_020826) Human Recombinant Protein

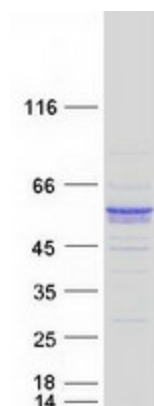
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synaptotagmin XIII (SYT13), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210849 protein sequence Red =Cloning site Green =Tags(s) MVLSVPVIALGATLTGATSILALCGVTCLCRHMHPKKGLLPDQDPDLEKAKPSLLGSAQQFNVKKSTEP VQPRALLKFPDIYGPRPAVTAPEVINYADYSLRSTEEPTAPASPQPPNDSRLKRQVTEELFILPQNGVVE DVCVMETWNPEKAASWNQAPKLHYCLDYDCQKAELFVTRLEAVTSNHDGGDCYVQGSVANRTGSVEA QT ALKKRQLHTTWEEGLVPLAEEELPTATLTTLRTCDRFSRHSVAGELRLGLDGTSVPLGAAQWGELKTS AKEPSAGAGEVLLSISYLPAA NRLLVLIKAKNLHSNQSKELLGKDVSVKVT LKHQARKLKKKQTKRAKH KINPVWNEMIMFELPDDLLQASSVELEVLGQDDSGQSCALGHCSLGLHTSGSERSHWEEMLNPRRQIA M WHQLHL TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	46.7 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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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_065877
Locus ID:	57586
UniProt ID:	Q7L8C5
RefSeq Size:	5184
Cytogenetics:	11p11.2
RefSeq ORF:	1278
Summary:	This gene encodes a member of the large synaptotagmin protein family. Family members have an extracellular N-terminal transmembrane domain and a cytoplasmic C terminus with two tandem C2 domains (C2A and C2B). Synaptotogmin family members can form homo- and heteromeric complexes with each other. They also have different biochemical properties and developmental profiles, and patterns of tissue distribution. Synaptotagmins function as membrane traffickers in multicellular organisms. Two alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Oct 2011]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified SYT13 protein (Cat# [TP310849]). The protein was produced from HEK293T cells transfected with SYT13 cDNA clone (Cat# [RC210849]) using MegaTran 2.0 (Cat# [TT210002]).