

Product datasheet for TP317584M

SYTL2 (NM_032943) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human synaptotagmin-like 2 (SYTL2), transcript variant a, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217584 representing NM_032943 Red=Cloning site Green=Tags(s)

MIDLSFLTEEEQEAIMKVLQRDAALKRAEEERVRLPEKIKDDQQLKNMSGQWFYEAKAKRHRDKIHGAD
IIRASMRKKRPQIAAEQSKDRENGAKESWVNNVNKDAFLPPELAGVVEEPEEDAAPASPSVVNPASSV
IDMSQENTRKPNSPEKRKNPFNSKLPPEGHSSQQTKNEQSKNGRTGLFQTSKEDELSESKEKSTVADTS
IQKLEKSKQTLPLGSLNGSQIKAPIKARKMIYKSTDLNKDDNQSFPRQRTDSLKARGAPRIGILKRNSSSS
STDSETLRYNHNFEPKSIVSPGLTIHERISEKEHSLEDNSSPNSLEPLKHVRFSAVKDELQPSPGLIHG
REVGFEFVLES DRLKNGMEDAGDTEEFQSDPKPSQYRKPSLFHQSTSSPYVSKSETHQPM TSGSFPIGL
HSHSEVLTARPQSMENSPTINEPKDKSSELTRLESVLP RSPADEL SHC VEPEPSQVPGGSSRDRQQGSEE
EPSPVLKTLERSAARKMPSKSLEDISSDSSNQAKVDNQPEELVRS AEDDEKPDQKPV TNECVPRISTVPT
QPDNPF SHPDKLKRMSKSVPAFLQDEVSGSVMSVYSGDFGNLEVKGNIQFAIEYVESL KELHVFVAQCKD
LAAADVKKQRSDPYVKAYLLPDKGKMGKKKTLVKKTLNPVYNEILRYKIEKQILKTQKLNL SIWHRDTF
KRNSFLGEVELDLETWDWDNKQNKQLRWYPLKRKTAPVALEAENRGEMK LALQYVPEVPVPGKLPPTTGEV
HIWVKECLDLPLLRGSHLNSFVKCTILPDTSRKSRQKTRAVGKTTNPIFNHTM VYDGRFPEDLMEACVEL
TVWDHYKLTNQFLGGLRIGFGTGKSYGTEVDWMDSTSEEVALWEK MVNSPNTWIEATLPLRMLLI AKISK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	102.4 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.



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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.
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_116561
Locus ID:	54843
UniProt ID:	Q9HCH5
RefSeq Size:	3985
Cytogenetics:	11q14.1
RefSeq ORF:	2733
Synonyms:	CHR11SYT; EXO4; PPP1R151; SGA72M; SLP2; SLP2A
Summary:	The protein encoded by this gene is a synaptotagmin-like protein (SLP) that belongs to a C2 domain-containing protein family. The SLP homology domain (SHD) of this protein has been shown to specifically bind the GTP-bound form of Ras-related protein Rab-27A (RAB27A). This protein plays a role in RAB27A-dependent vesicle trafficking and controls melanosome distribution in the cell periphery. Alternative splicing results in multiple transcript variants encoding distinct isoforms.[provided by RefSeq, Jun 2009]

Product images:



Coomassie blue staining of purified SYTL2 protein (Cat# [TP317584]). The protein was produced from HEK293T cells transfected with SYTL2 cDNA clone (Cat# [RC217584]) using MegaTran 2.0 (Cat# [TT210002]).