Recombinant Human SYTL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYTL2-5590H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYTL2 MS Standard C13 and N15-labeled recombinant protein (NP_116561) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	102.4 kDa
AA Sequence	MIDLSFLTEEEQEAIMKVLQRDAALKRAEEERVRHLPEKIKDDQQLKNMSGQWFYEA KAKRHRDKIHGADIIRASMRKKRPQIAAEQSKDRENGAKESWVNNVNKDAFLPPELA GVVEEPEEDAAPASPSSSVVNPASSVIDMSQENTRKPNVSPEKRKNPFNSSKLPEG HSSQQTKNEQSKNGRTGLFQTSKEDELSESKEKSTVADTSIQKLEKSKQTLPGLSN GSQIKAPIPKARKMIYKSTDLNKDDNQSFPRQRTDSLKARGAPRGILKRNSSSSSTD SETLRYNHNFEPKSKIVSPGLTIHERISEKEHSLEDNSSPNSLEPLKHVRFSAVKDEL PQSPGLIHGREVGEFSVLESDRLKNGMEDAGDTEEFQSDPKPSQYRKPSLFHQSTS

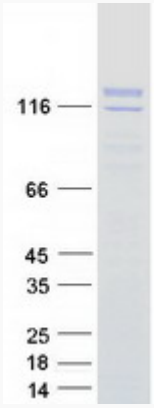
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45-1 Ramsey Road, Shirley, NY 11967, USA

	SPYVSKSETHQPMTSGSFPINGLHSHSEVLTARPQSMENSPTINEPKDKSSELTRLE SVLPRSPADELSHCVEPEPSQVPGGSSRDRQQGSEEEPSPVLKTLERSAARKMPS KSLEDISSDSSNQAKVDNQPEELVRSAEDDEKPDQKPVTNECVPRISTVPTQPDNPF SHPDKLKRMSKSVPAFLQDEVSGSVMSVYSGDFGNLEVKGNIQFAIEYVESLKELHV FVAQCKDLAAADVKKQRSDPYVKAYLLPDKGKMGKKKTLVVKKTLNPVYNEILRYKI EKQILKTQKLNLSIWHRDTFKRNSFLGEVELDLETWDWDNKQNKQLRWYPLKRKTA PVALEAENRGEMKLALQYVPEPVPGKKLPTTGEVHIWVKECLDLPLLRGSHLNSFVK CTILPDTSRKSRQKTRAVGKTTNPIFNHTMVYDGFRPEDLMEACVELTVWDHYKLTN QFLGGLRIGFGTGKSYGTEVDWMDSTSEEVALWEKMVNSPNTWIEATLPLRMLLIA KISKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SYTL2 synaptotagmin like 2 [Homo sapiens (human)]
Official Symbol	SYTL2
Synonyms	SYTL2; synaptotagmin like 2; EXO4; SLP2; SLP2A; SGA72M; CHR11SYT; PPP1R151; synaptotagmin-like protein 2; breast cancer-associated antigen SGA-72M; chromosome 11 synaptotagmin; exophilin-4; protein phosphatase 1, regulatory

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	subunit 151
Gene ID	54843
mRNA Refseq	NM_032943
Protein Refseq	NP_116561
MIM	612880
UniProt ID	Q9HCH5
SDS-PAGE	

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