

# 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

MIDLSFLTEEEQEAIMKVLQRDAALKRAEEERVHRLPEKIKDDQQLKNMSGQWFYEA  
 KAKRHRDKIHGADIIRASMRKKRPQIAAEQSKDRENGAKESWVNNVKNDAFLPPELA  
 GVVEEPEEDAAPASPSVVNPASSVIDMSQENTRKPNVSPEKRKNPFNSSKLPEG  
 HSSQQTNEQSKNGRTGLFQTSKEDELSEKSTVADTSIQKLEKSKQTLPLGLSN  
 GSQIKAPIPKARKMIYKSTDNLKDDNQSFPRQRTDSLKARGAPRGILKRNSSSSSTD  
 SETLRYNHNFEPKSKIVSPGLTIHERISEKEHSLEDNSSPNSLEPLKHVRFSAVKDEL  
 PQSPGLIHGREVGEFSVLES DRLKNGMEDAGDTEEFQSDPKPSQYRKPSLFHQSTS

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SPYVSKSETHQPMTSGSFPINGLHSHSEVLTARPQSMENSPTINEPKDKSSELTRLE  
 SVLPRSPADELSHCVEPEPSQVPGGSSRDRQQGSEEPSPVLKTLERSAARKMPS  
 KSLEDISSDSSNQAKVDNQPEELVRS AEDDEKPDQKPV TNECVPRISTVPTQPDNPF  
 SHPDKLKRMSKSVPAFLQDEVSGSVMSVYSGDFGNLEVKGNIQFAIEYVESL KELHV  
 FVAQCKDLAAADVKKQRSDPYVKAYLLPDKGKMGKKKTLVVKKTLPVYNEILRYKI  
 EKQILKTQKLNLSIWHRDTFKRNSFLGEVELDLETWDWDNKQNKQLRWYPLKRKTA  
 PVALEAENRGEMKLALQYVPEPVPGKLLPTTGEVHIWVKECLDPLLRGSHLNSFVK  
 CTILPDTSRKSRQKTRAVGKTTNPIFNHTMVYDGRPEDLMEACVELTVWDHYKL TN  
 QFLGGLRIGFGTGKSYGTEVDWMDSTSEEVALWEKMN SPNTWIEATLPLRMLLIA  
 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** Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA