

Recombinant Human SYTL5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYTL5-3871H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYTL5 MS Standard C13 and N15-labeled recombinant protein (NP_620135) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the synaptotagmin-like (Slp) protein family, which contains a unique homology domain at the N-terminus, referred to as the Slp homology domain (SHD). The SHD functions as a binding site for Rab27A, which plays a role in protein transport. Expression of this gene is restricted to placenta and liver, suggesting that it might be involved in Rab27A-dependent membrane trafficking in specific tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	81.3 kDa
AA Sequence	MSKNSEFINLSFLLDHEKEMILGV LKRDEYLKKVEDKRIRKLKNELLEAKRRSGKTQQ EASRVCVHCHRN LGLIFDRGDPCQACSLRVCRECRVAGPNGSWKCTVCDKIAQLRI ITGEWFFEEKAKRFKQVNV LGTDVVRQSILRRSPGAE EVQSQE QTRQDAEKSDTSP VAGKKASHDGP KRKGFLLSKFRSATRGEIITPKTDTGRSYSLDL DGQHFRSLKSPPG SDRGSTGSSDLNDQEPGPRTPKSSRSNGVTPGTQSSPAPSTRVT SVISREYGFEN SMDLAAIEGTSQELTKSHRRNTSGTPSIAVSGTSLSSDQSRSELDLSESFTEDSED T

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VSIRSKSVPGALDKDSLEETEEISIDALVSSQLSTNTHRLASGLSTTSLNSMMSVYSET
 GDYGNVKVSGEILLHISYCYKTGGLYIFVKNCRNLAIGDEKKQRTDAYVKSYLLPDKS
 RNNKRKTKIRTGTNPEFNETLKYTISHTQLETRTLQLSVWHYDRFGRNSFLGEVEIPF
 DSWNFENPTDEWFLQPKVEFAPDIGLQYKGELTVVLRYPPEENMLPPEQLQGN
 KTFKKGKKKESPVISGGILEVFIKEAKNLTAVKSGGTSDSFVKGYLLPDDSKATKHKT
 LVIKKSVPNPQWNHTFMFSGIHPQDIKNVCLELTIWDKEAFSSNIFLGGVRLNSGSGVS
 HGKNVDWMDSQGEEQRLWQKMANNPGTPFEGVLMRLSSMGKCRLTRTRPLEQKL
 ISEEDLAANDILDYKDDDDKV

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	SYTL5 synaptotagmin like 5 [Homo sapiens (human)]
Official Symbol	SYTL5
Synonyms	SYTL5; synaptotagmin like 5; slp5; synaptotagmin-like protein 5; exophilin 9
Gene ID	94122
mRNA Refseq	NM_138780

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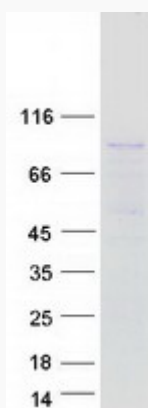
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Protein Refseq NP_620135

UniProt ID Q8TDW5

SDS-PAGE



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