Recombinant Full Length Human SYTL5 Protein, Flag tagged

Cat. No. SYTL5-09HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human synaptotagmin-like 5 (SYTL5) with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-730 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	81.3 kDa
AASequence	MSKNSEFINLSFLLDHEKEMILGVLKRDEYLKKVEDKRIRKLKNELLEAKRRSGKTQQ EASRVCVHCHRNLGLIFDRGDPCQACSLRVCRECRVAGPNGSWKCTVCDKIAQLRI ITGEWFFEEKAKRFKQVNVLGTDVVRQSILRRSPGAEEVQSQEQTRQDAEKSDTSP VAGKKASHDGPKRKGFLLSKFRSATRGEIITPKTDTGRSYSLDLDGQHFRSLKSPPG

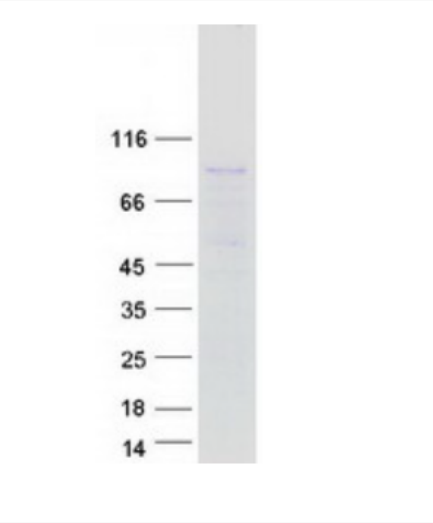
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	SDRGSTGSSDLNDQEPGPRTPKSSRSNGVTPGTQSSPAPSTRTVTSVISREYGFEN SMDLAAIEGTSQELTKSHRRNTSGTPSIAVSGTSLSSDQSRSELDLSESFTEDSEDT VSIRSKSVPGALDKDSLEETEESIDALVSSQLSTNTHRLASGLSTTSLNSMMSVYSET GDYGNVKVSGEILLHISYCYKTGGLYIFVKNCRNLAIGDEKKQRTDAYVKSYLLPDKS RNNKRKTKIRTGTNPEFNETLKYTISHTQLETRTLQLSVWHYDRFGRNSFLGEVEIPF DSWNFENPTDEWFVLQPKVEFAPDIGLQYKGELTVVLRYIPPEENLMLPPEQLQGN KTFKKGKKKESPVISGGILEVFIKEAKNLTAVKSGGTSDSFVKGYLLPDDSKATKHKT LVIKKSVNPQWNHTFMFSGIHPQDIKNVCLELTIWDKEAFSSNIFLGGVRLNSGSGVS HGKNVDWMDSQGEEQRLWQKMANNPGTPFEGVLMLRSSMGKCRLTRTRPLEQKL ISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	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 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 μg/μL as determined by microplate BCA method

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

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mRNA Refseq	NM_138780
Protein Refseq	NP_620135
MIM	301126
UniProt ID	Q8TDW5
SDS-PAGE	

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