

Recombinant Human SYT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYT2-1913H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYT2 MS Standard C13 and N15-labeled recombinant protein (NP_001129976) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a synaptic vesicle membrane protein. The encoded protein is thought to function as a calcium sensor in vesicular trafficking and exocytosis. Mutations in this gene are associated with myasthenic syndrome, presynaptic, congenital, with or without motor neuropathy. Alternative splicing results in multiple transcript variants.
Molecular Mass	46.9 kDa
AA Sequence	MRNIFKRNQEPIVAPATTTATMPIGPVDNSTESGGAGESQEDMFAKLKEKLFNEINKI PLPPWALIAIAVVAGLLLLTCCFCICKKCCCKKKKKNKKEKGKGMKNAMNMKDMKGG QDDDDAETGLTEGEGEGEGEEKEPENLGKLQFSLDYDFQANQLTVGVLQAAELPALD MGGTSDPYVKVFLLPDKKKKYETKVHRKTLNPAFNETFTFKVPYQELGGKTLVMAIY DFDRFSKHDIIIGEVKVPMMNTVDLGQPIEEWRDLQGGEKEEPEKLGDICTSLRYVPTA GKLTVCILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTVKKKTLNPYFNESF SFEIPFEQIQKVQVVVTVLDYDKLGKNEAIGKIFVGSNATGTELRHWSMDMLANPRRPI AQWHSCLKPEEEVDALLGKNKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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.

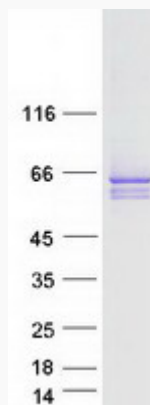
GENE INFORMATION

Gene Name	SYT2 synaptotagmin II [Homo sapiens (human)]
Official Symbol	SYT2
Synonyms	SYT2; synaptotagmin II; synaptotagmin-2; synaptotagmin 2; SytII; FLJ42519;
Gene ID	127833
mRNA Refseq	NM_001136504
Protein Refseq	NP_001129976
MIM	600104
UniProt ID	Q8N9I0

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SDS-PAGE

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