

Recombinant Human SYT2 protein, MYC/DDK-tagged

Cat. No. SYT2-35H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYT2, transcript variant 2, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	SYT2 synaptotagmin II [Homo sapiens]
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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
Chromosome Location	1q32.1
Pathway	Botulinum neurotoxicity, organism-specific biosystem; Disease, organism-specific biosystem; Neuronal System, organism-specific biosystem; Translocation of BoNT Light chain, organism-specific biosystem;
Function	metal ion binding; protein binding; transporter activity;

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