

## Recombinant Human SYT1 Protein, MYC/DDK-tagged

Cat. No. SYT1-3066H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SYT1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The synaptotagmins are integral membrane proteins of synaptic vesicles thought to serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis. Calcium binding to synaptotagmin-1 participates in triggering neurotransmitter release at the synapse (Fernandez-Chacon et al., 2001 [PubMed 11242035]).
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	47.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

<b>Gene Name</b>	SYT1 synaptotagmin I [ Homo sapiens ]
<b>Official Symbol</b>	SYT1

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<b>Synonyms</b>	P65; SVP65; SYT
<b>Gene ID</b>	<a href="#">6857</a>
<b>mRNA Refseq</b>	<a href="#">NM_001135805</a>
<b>Protein Refseq</b>	<a href="#">NP_001129277</a>
<b>MIM</b>	<a href="#">185605</a>
<b>UniProt ID</b>	<a href="#">P21579</a>

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