Recombinant Human SYT6 Protein, MYC/DDK-tagged

Cat. No. SYT6-3093H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SYT6 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the synaptotagmin family. Synaptotagmins share a common domain structure that includes a transmembrane domain and a cytoplasmic region composed of 2 C2 domains, and are involved in calcium-dependent exocytosis of synaptic vesicles. This protein has been shown to be a key component of the secretory machinery involved in acrosomal exocytosis. Alternatively spliced transcript variants have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	48.3 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	SYT6 synaptotagmin VI [Homo sapiens]

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Official Symbol	SYT6
Synonyms	sytVI; sytVI
Gene ID	148281
mRNA Refseq	NM_001253772
Protein Refseq	NP_001240701
MIM	607718
UniProt ID	Q5T7P8

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