Recombinant Mouse Syt9 Protein, Myc/DDK-tagged

Cat. No. Syt9-6264M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length synaptotagmin IX (Syt9), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May be involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain or may serve as Ca(2+) sensors in the process of vesicular trafficking and exocytosis.
Molecular Mass	56.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Syt9 synaptotagmin IX [Mus musculus (house mouse)]
Official Symbol	Syt9
Synonyms	Syt9; synaptotagmin IX; Sy; synaptotagmin-9; synaptotagmin V; sytIX
Gene ID	60510
mRNA Refseq	NM_021889
Protein Refseq	NP_068689
UniProt ID	Q9R0N9

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