

Recombinant Mouse Syt4 Protein, Myc/DDK-tagged

Cat. No. Syt4-6261M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length synaptotagmin IV (Syt4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The protein encoded by this gene belongs to the synaptotagmin family. Members of this family are multi-domained, integral membrane proteins of synaptic vesicles, and are thought to serve as Ca ²⁺ sensors in the process of vesicular trafficking and exocytosis. This gene is primarily expressed in the nervous tissues. [provided by RefSeq, Jul 2008]
Molecular Mass	48.1 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.

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GENE INFORMATION

Gene Name	Syt4 synaptotagmin IV [Mus musculus (house mouse)]
Official Symbol	Syt4
Synonyms	SYT4; synaptotagmin IV; synaptotagmin-4; synaptotagmin 4; SytIV
Gene ID	20983
mRNA Refseq	NM_009308
Protein Refseq	NP_033334
UniProt ID	P40749

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