

Recombinant Mouse Syt2 Protein, Myc/DDK-tagged

Cat. No. Syt2-6259M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length synaptotagmin II (Syt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the synaptotagmin protein family. Synaptotagmin proteins are involved in membrane trafficking and are characterized by an N-terminal transmembrane region as well as tandem calcium binding domains. The encoded protein is able to bind inositol polyphosphate and is thought to be involved in synaptic function and neurotransmitter release. [provided by RefSeq, Sep 2017]
Molecular Mass	47.2 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	Syt2 synaptotagmin II [Mus musculus (house mouse)]
Official Symbol	Syt2
Synonyms	SYT2; synaptotagmin II; synaptotagmin-2; sytII; synaptotagmin 2; R74640; mKIAA4194; KIAA4194
Gene ID	20980
mRNA Refseq	NM_009307
Protein Refseq	NP_033333
UniProt ID	P46097

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