

Recombinant Human SYT9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SYT9-1879H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SYT9 MS Standard C13 and N15-labeled recombinant protein (NP_783860) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	56.2 kDa
AA Sequence	MPGARDALCHQALQLLAELCARGALEHDSCQDFIYHLRDRARPRLRDPDISVSLTL VVTACGLALFGVSLFVSWKLCWVPWRERGLPSGSKDNNQEPLNYMDTETNEQENS EDFLDPPTPCPDSSMKISHTSPDIPLSTQTGIQENCAHGVRVQRQVTEPTSSARHNS IRRQLNLSNPDFNIQQLQKQEQLTGIGRIKPELYKQRSLDNDGRRSNSKACGKLNFI LKYDCDLEQLIVKIHKAVNLPKDFSGTSDPYVKIYLLPDRKTKHQTKVHRKTLNPVF DEVFLFPVPYNDLEARKLHFSVYDFDRFSRHDIGQVVVDHFLDLADFPRECILWKDI EYVTNDNVDLGELMFSLCYLPTAGRLTITIIKARNLKAMDITGASDPYVKVSLMCDGR RLKKRKTSTKRNTLNPVYNEAIVFDVPPENIDQIHLSIAVMDYDRVGHNEIIGVCQVG NEAERLGRDHWSEMLSYPKPIAHWHSLVEKRTRTRPLEQKLISEEDLAANDILDYK DDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

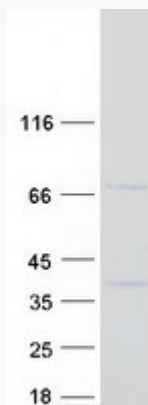
GENE INFORMATION

Gene Name	SYT9 synaptotagmin IX [Homo sapiens (human)]
Official Symbol	SYT9
Synonyms	SYT9; synaptotagmin IX; synaptotagmin-9; synaptotagmin IX; sytlX
Gene ID	143425
mRNA Refseq	NM_175733
Protein Refseq	NP_783860
MIM	613528
UniProt ID	Q86SS6

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SDS-PAGE

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