

## Product datasheet for TP524283

### Syt9 (NM\_021889) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptotagmin IX (Syt9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR224283 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPGARDALCHQALQLLAELCARGALEHDSCQDFIYHLRDRARPRLRDPDISVSLTLVVTACGLALFGVSLFVSWKLCWVPWRERGLFSGSKDNNQEPLNYDTETNEQENSEDFLDPPTPCPDSSMKISHTSPDIPLSTQPGGQENCAHAVRVQRQVTEPTPSARHNSIRRLNLSNPDFNIQQLQRQEQLTGIGRIKPELYKQRSLDNDGRRSNSKACGKLNFIKYDCDLEQLIVKIHKAVNLPKDFSGTSDPYVKIYLLPDRKTKHQTKVHRKTLNPFVDEVFLFPVHYNDLEARKLHFSVYDFDRFSRHDLIGQVVDHFFDLADFPRECILWKDIEYVTNDNVDLGELMFSLCYLPTAGRLTITIIKARNLKAMDITGASDPYVKVSLMCDGRRLKRRKTSTKRNTLNPVYNEAIVFDVPPESIDQIHLSIAVMDYDRVGHNEVIGVCQVGNEAERLGRDHWSEMLSYPKPIAHWHSLMEKR

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	56.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_068689</a></u>



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Locus ID:	60510
UniProt ID:	<a href="#">Q9R0N9</a>
RefSeq Size:	3816
Cytogenetics:	7 E3
RefSeq ORF:	1476
Synonyms:	Syt5, Sytv
Summary:	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.[UniProtKB/Swiss-Prot Function]