

Product datasheet for **TP506780**

Syt4 (NM_009308) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptotagmin IV (Syt4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206780 representing NM_009308 Red =Cloning site Green =Tags(s)
	<p>MAPITTSRVEFDEIPTVVGIFSAFGLVFTVSLFAWICQRRSAKSNKTPPYKFVHVLKGVDIYPENLSSK KKFGGDDKSEVKGKAALPNLSLHLDLEKRDNLGNFPKANPKAGSSSDLENVTPKLFTEETEKEANSPELTK SSTSLTSEEKQEKLGTLFLSLEYNFEKKAFFVNIKEAQGLPAMDEQSMSTDPYIKMTILPEKKHRVKTRV LRKTLDPVFDETFYGYPIPHIQELSLHFTVLSFDRFSRDDVIGEVLIPLSGIELSDGKMLMTREIIKR NAKKSSGRGELLVSLCYQSTTNTLTVVVLKARHLPKSDVSGLSDPYVKVNLHAKKRISKKKTHVKKCTP NAVFNELFVFDIPCESLEEISVEFLVLDSEGRSNEVIGRLVLGATAEGSGGGHWKEICDFPRRQIAKWH MLCDG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.1 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>NP_033334</u>
Locus ID:	20983



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UniProt ID: [P40749](#)

RefSeq Size: 3901

Cytogenetics: 18 17.75 cM

RefSeq ORF: 1275

Synonyms: SytIV

Summary: 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 Ca²⁺ sensors in the process of vesicular trafficking and exocytosis. This gene is primarily expressed in the nervous tissues. [provided by RefSeq, Jul 2008]