

Product datasheet for **TP509977**

Syn1 (NM_013680) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synapsin I (Syn1), transcript variant a, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209977 representing NM_013680 Red =Cloning site Green =Tags(s)
	<p>MNYLRRRLSDSNFMANLPNGYMTDLQRPQPPPPPSAASPGATPGSATASAERASTAAPVASPAAPSPGS SGGGGFFSSLSNAVKQTTAAAAATFSEQVGGGSGGAGRGGAAARVLLVIDEPHTDWAKYFKGKKIHGEID IKVEQAEFSDLNLVAHANGGFSVDMEVLRNGVKVVRSLKPDFVLIRQHAFSMARNGDYRSLVIGLQYAGI PSVNSLHSVYNFCDKPWVFAQMVRLHKKLGTEEFPLIDQTFYPNHKEMLSSTTYPVVVKMGHAHSGMGKV KVDNQHDFQDIASVVALTKTYATAEPFIDAKYDVRVQKIGQNYKAYMRTSVSGNWKNTGTSAMLEQIAMS DRYKLWVDTCEIFGGLDICAVALHGKDGRDHIEVVGSSMPLIGDHQDEDKQLIVELVVKMTQALPR QPQRDASPGRGSHSQSSSPGALTLGRQTSQQPAGPPAQQRPPQGGPPQPGPGPQRQGPPLQQRPPQGGQ QHLSGLGPPAGSPLPQRLPSPTAAPQQSASQATPVTQGGQRQSRPVAGGPGAPPAARPPASPSRQAGAG PQATRQASISGPAPTKASGAPGGQQRQGGPPQKPPGPAGPTRQASQAGPGPRTGPPTTQQRPSGPGPAG RPAKPLAQKPSQDVPPPITAAAGGPPHPQLNKSQSLTNAFNLPEPAPRPSLSQDEVKAETIRSLRKSF ASLFS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	74.5 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.



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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:	NP_038708
Locus ID:	20964
UniProt ID:	O88935
RefSeq Size:	3143
Cytogenetics:	X 16.37 cM
RefSeq ORF:	2118
Synonyms:	Syn-1; Syn1-S
Summary:	Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. Regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxide functions at a presynaptic level.[UniProtKB/Swiss-Prot Function]