

Product datasheet for TP506710

Syt2 (NM_009307) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptotagmin II (Syt2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206710 protein sequence Red =Cloning site Green =Tags(s)
	MRNIFKRNQEPNVAPATTTATMPLAPVAPADNSTESTGPGESQEDMFAKLKEKFFNEINKIPLPPWALIA MAVVAGLLLLTCCFCICKKCCCKKKKKNKEKKGKGMKNAMNMKDMKGGQDDDDAETGLTEGEGEGEEKEP ENLGKQLQFSLDYDFQANQLTVGVLQAAELPALDMGGTSDPYVKVFLLPDKKKKYETKVHRKTLNPAFNET FTFKVPYQELGGKTLVMAIYDFDRFSKHDIIEVKVPMNTVDLQPIEEWRDLQGGEEKEPEKLGDICT LRYVPTAGKLTVCILEAKNLKKMDVGGLSDPYVKIHLMQNGKRLKKKKTTVKKKTLNPFNFESFSFEIPF EQIQKVQVVTVLDYDKLGKNEAIGKIFVGSNATGTELRHWSMMLANPRRPIAQWHSCLKPEEEVDALLGK NK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	47.2 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:	NP_033333
Locus ID:	20980



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UniProt ID: [P46097](#), [A0A0R4J2C2](#)

RefSeq Size: 3386

Cytogenetics: 1 58.24 cM

RefSeq ORF: 1269

Synonyms: IP4BP; mKIAA4194; R74640; sytII

Summary: 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]