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Product datasheet for TP525758

Syn3 (NM_013722) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synapsin III (Syn3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225758 protein sequence Red=Cloning site Green=Tags(s) MNFLRRRLSDSSFVANLPNGYMPDLQRPESSSSSPASPATERRHPQPLAASFSSPGSSLFSSFSSAVKQT PQAPSGLMEPPTPVTPVVQRPRILLVIDDAHTDWSKYFHGKKVNGDIEIRVEQAEFSELNLAAYVTGGCM VDMQVVRNGTKIVRSFKPDFILVRQHAYSMALAEDYRSLVIGLQYGGLPAVNSLYSVYNFCSKPWVFSQL IKIFHSLGPEKFPLVEQTFFPNHKPMLTAPNFPVVIKLGHAHAGMGKIKVENQHDYQDITSVVAMAKTYA TTEAFIDSKYDIRIQKIGSNYKAYMRTSISGNWKANTGSAMLEQVAMTERYRLWVDSCSEMFGGLDICAV KAVHSKDGRDYIIEVMDSSMPLIGEHVEEDKQLMADLVVSKMSQLLVPGATVPSPLRPWGPQTKPAKSPG QGQLGPLLGQPQPRPPPQGGPRQAQSPQPPRSRSPSQQRLSPQGQQPVSPQSGSPQQQRSPGSPQLSRAS GGSSPNQASKPSASLSSHNRPPVQGRSTSQQGEEPQKSASPHPHLNKSQSLTNSLSTSDTSHRGTPSEDE AKAETIRNLRKSFASLFSD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	63.3 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.

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RefSeq:	NP_038750
Locus ID:	27204
UniProt ID:	Q8JZP2, Q3KN99
RefSeq Size:	8797
Cytogenetics:	10 C1
RefSeq ORF:	1740
Synonyms:	MGC130403
Summary:	May be involved in the regulation of neurotransmitter release and synaptogenesis. Binds ATP with high affinity and ADP with a lower affinity. This is consistent with a catalytic role of the C-domain in which ADP would be dissociated by cellular ATP after bound ATP was hydrolyzed (By similarity).[UniProtKB/Swiss-Prot Function]