

Product datasheet for **TP524898**

Syt12 (NM_134164) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse synaptotagmin XII (Syt12), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR224898 protein sequence
Red=Cloning site **Green**=Tags(s)

MAVDVTEYHLSVIKSPPGWEVGVYAAGALALLGIAAVSLWKLWTSFSPSPFPNYDYRYLQQKYGEAY
VEAKLRVPPWNDQRTTTRGPPSRKGSLSIEDTFESISLGPLELMGRELDLAPYGTLRKSQSADSLNSI
SSVSNFTGQDFTLGQVEVSMDYDGASHTLHVAVLQKDLLEREEATFESCFMRVSLLPDEQIVGISRIQR
NAYSIFFDEKFSVPLDPTALEEKSLRFSVFGIDEDERNVSTGVVELKLSVLDLPLQPFSGWLYLQDQNK
ADAVGEILLSLSYLPTAERLTWVWKAKNLIWTNEKSTADPFVKVYLLQDGRKMSKKKTAVKRDDPNPVF
NEAMIFSVPAIVLQDLSLRVVAESSDGRGDNVGHVIGPGVSGMGTTHTWNQMLATLRRPVMWHPVRR
N

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 46.7 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_598925](#)

Locus ID: 171180



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UniProt ID: [Q920N7, Q14AG7](#)

RefSeq Size: 3277

Cytogenetics: 19 A

RefSeq ORF: 1266

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]