

## Product datasheet for **TP506793**

### Syt6 (BC065065) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse synaptotagmin VI (cDNA clone MGC:86102 IMAGE:6400470), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206793 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MPWRKKEASSPSSANPASETLQSPSSRGNMADKLDPSALGFLEAAVKISHTSPDIPAEVQMSVKEHIMR  
HTKLQRQTTEPASSTRHTSFKRHLPRQMHVSSVDYGNELPPAAAEQPTSIGRIKPELYKQKSVGDGDDAKS  
EAAKSCGKINFLRYDYESETLIVRILKAFDLPKDFCGSSDPYVKIYLLPDRKCKLQTRVHRKTLNPTF  
DENFHFPVPEELADRKLHLSVDFDRFSRHDMIGEVILDNLFEASDLSRETSIWKDIQYATSESVDLGE  
IMFSLCYLPTAGRLTLTVIKCRNLKAMDITGYSDPYVKVSLLCDGRRLKKKTTIKKNTLNPIYNEAIIIF  
DIPPENMDQVSLISVMDYDRVGHNEIIGVCRVGINAEGLGRDHWNEMLAYPRKPIAHWHSLVEVKKSKF  
EGTPRL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	48.3 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.
Locus ID:	54524



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UniProt ID: [Q9R0N8](#)

RefSeq Size: 4393

Cytogenetics: 3 F2.2

RefSeq ORF: 1278

Synonyms: 3110037A08Rik; AW048930; sytVI

**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 (By similarity). May mediate Ca(2+)-regulation of exocytosis in acrosomal reaction in sperm (PubMed:15774481).[UniProtKB/Swiss-Prot Function]