

## Product datasheet for **TP302734M**

### VAMP4 (NM\_003762) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vesicle-associated membrane protein 4 (VAMP4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202734 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MPPKFKRHLNDDDDVTGSVKSERRNLEDDSDDEEDFFLGPSGPRFGPRNDKIKHVQNQVDEVIDVMQENI TKVIERGERLDELQDKSESLSDNATAFSNRSKQLRRQMWWRGCKIKAIMALVAAILLLVIIIIVMKYRT
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	16.2 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<a href="#">NP_003753</a>
Locus ID:	8674
UniProt ID:	<a href="#">Q75379</a> , <a href="#">Q6IAZ3</a>
RefSeq Size:	5155
Cytogenetics:	1q24.3



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RefSeq ORF: 363

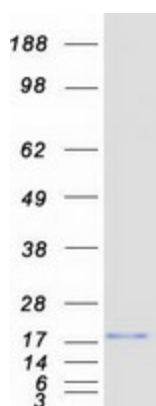
Synonyms: VAMP-4; VAMP24

**Summary:** Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded by this gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. This protein may play a role in trans-Golgi network-to-endosome transport. [provided by RefSeq, Jul 2008]

**Protein Families:** Transmembrane

**Protein Pathways:** SNARE interactions in vesicular transport

### Product images:



Coomassie blue staining of purified VAMP4 protein (Cat# [TP302734]). The protein was produced from HEK293T cells transfected with VAMP4 cDNA clone (Cat# [RC202734]) using MegaTran 2.0 (Cat# [TT210002]).