

Product datasheet for **TP320854**

VAMP1 (NM_014231) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vesicle-associated membrane protein 1 (synaptobrevin 1) (VAMP1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220854 representing NM_014231 Red =Cloning site Green =Tags(s) MSAPAQPPAEGTEGTAPGGGPPGPPNMTSNRRLQQTQAQVEEVVDIIRVNVNDKVLERDQKLSLDDRAD ALQAGASQFESSAAKLKRKYWWKNCKMMIMLGAICAIIVVVIVYFFT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.7 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
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:	NP_055046
Locus ID:	6843
UniProt ID:	P23763
RefSeq Size:	2748



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Cytogenetics: 12p13.31

RefSeq ORF: 354

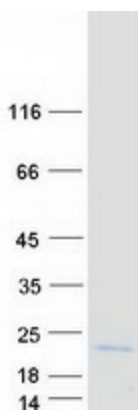
Synonyms: CMS25; SPAX1; SYB1; VAMP-1

Summary: Synaptobrevins, syntaxins, and the 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. Mutations in this gene are associated with autosomal dominant spastic ataxia 1. Multiple alternative splice variants have been described, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2014]

Protein Families: Secreted Protein, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Coomassie blue staining of purified VAMP1 protein (Cat# TP320854). The protein was produced from HEK293T cells transfected with VAMP1 cDNA clone (Cat# [RC220854]) using MegaTran 2.0 (Cat# [TT210002]).