

Product datasheet for **TP304973**

VAMP5 (NM_006634) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vesicle-associated membrane protein 5 (myobrevin) (VAMP5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204973 protein sequence Red =Cloning site Green =Tags(s)
	MAGIELERCQQQANEVTEIMRNNFGKVLERGKLAELQQRSDQLLDMSSTFNKTTQNLAQKKCWENIRYR ICVGLVVGVLLIILIVLLVFLPQSSDSSAPRTQDAGIASGPGN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.6 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:	<u>NP_006625</u>
Locus ID:	10791
UniProt ID:	<u>O95183</u> , <u>Q6FG93</u>
RefSeq Size:	694



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Cytogenetics: 2p11.2

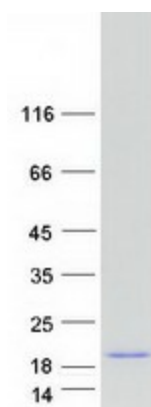
RefSeq ORF: 348

Summary: Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. This VAMP family member may participate in vesicle trafficking events that are associated with myogenesis. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Coomassie blue staining of purified VAMP5 protein (Cat# TP304973). The protein was produced from HEK293T cells transfected with VAMP5 cDNA clone (Cat# [RC204973]) using MegaTran 2.0 (Cat# [TT210002]).