

Product datasheet for PH304973

VAMP5 (NM_006634) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VAMP5 MS Standard C13 and N15-labeled recombinant protein (NP_006625)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204973
Predicted MW:	12.8 kDa
Protein Sequence:	>RC204973 protein sequence Red =Cloning site Green =Tags(s) MAGIELERCQQQANEVTEIMRNFGKVLERGKLAELQQRSDQLLDMSSTFNKTTQNLAQKCKWENIRYR ICVGLVYVGVLLIILIVLLVVFLLPQSSDSSSAPRTQDAGIASGPGN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_006625
RefSeq Size:	694
RefSeq ORF:	348
Locus ID:	10791
UniProt ID:	O95183 , Q6FG93
Cytogenetics:	2p11.2



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Summary:

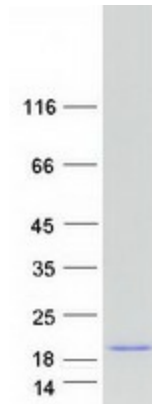
Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of vesicles and cell membranes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE 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]).