

Product datasheet for PH302734

VAMP4 (NM_003762) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VAMP4 MS Standard C13 and N15-labeled recombinant protein (NP_003753)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202734
Predicted MW:	16.2 kDa
Protein Sequence:	>RC202734 protein sequence Red =Cloning site Green =Tags(s) MPPKFKRHLNDDDDVTGSVKSERLNLEDDSDDEEDFFLGPSGPRFGPRNDKIKHVQNQVDEVIDVMQENI TKVIERGERLDELQDKSESLSDNATAF SNRSKQLRRQMWWRGCKIKAIMALVAAI LLLVIIILIVMKYRT 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_003753
RefSeq Size:	5155
RefSeq ORF:	363
Synonyms:	VAMP-4; VAMP24
Locus ID:	8674
UniProt ID:	O75379 , Q6IAZ3
Cytogenetics:	1q24.3



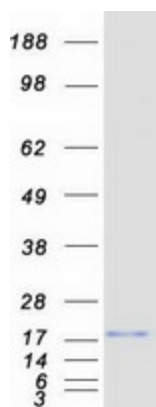
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Summary: Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. The protein encoded 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]).