

Product datasheet for PH300405

VAMP8 (NM_003761) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VAMP8 MS Standard C13 and N15-labeled recombinant protein (NP_003752)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200405
Predicted MW:	11.4 kDa
Protein Sequence:	<p>>RC200405 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEEASEGGGNDVRNRLQSEVEGVKNIMTQNVERILARGENLEHLRNKTEDLEATSEHFKTTSQKVARKFW WKNVKMIVLICVIVFIIILFIVLFATGAFS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_003752
RefSeq Size:	790
RefSeq ORF:	300
Synonyms:	EDB; VAMP-8
Locus ID:	8673
UniProt ID:	Q9BV40
Cytogenetics:	2p11.2

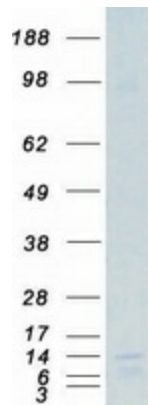

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Summary: This gene encodes an integral membrane protein that belongs to the synaptobrevin/vesicle-associated membrane protein subfamily of soluble N-ethylmaleimide-sensitive factor attachment protein receptors (SNAREs). The encoded protein is involved in the fusion of synaptic vesicles with the presynaptic membrane.[provided by RefSeq, Jun 2010]

Protein Families: Stem cell - Pluripotency, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Product images:



Coomassie blue staining of purified VAMP8 protein (Cat# [TP300405]). The protein was produced from HEK293T cells transfected with VAMP8 cDNA clone (Cat# [RC200405]) using MegaTran 2.0 (Cat# [TT210002]).