

Product datasheet for PH314308

VAPA (NM_003574) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VAPA MS Standard C13 and N15-labeled recombinant protein (NP_003565)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214308
Predicted MW:	32.4 kDa
Protein Sequence:	>RC214308 representing NM_003574 Red=Cloning site Green=Tags(s)
	MASASGAMAKHEQILVLDPPTDLKFKGPFDTVVTNLKLRNPSDRKVCVKVKTAPRRYCVRPNSGIIDP GSTVTVSVMLQPFDYDPNEKSKHKFMVQTFAPNTSDMEAVWKEAKPDELMDSKLRVCFEMPENNDKLG ITPPGNAPTIVTSMSSINNTVATPASYHTKDDPRGLSVLKQEKQKNDMEPSKAVPLNASKQDGPMPKPHSV SLNDTETRKLMEECKRLQGEMMKLSEENRHLRDEGLRLRKVAHSDKPGSTSTASFRDNVTSPLPSLLVVI AAIFIGFFLGGKIFIL
	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- 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_003565
RefSeq Size:	6994
RefSeq ORF:	882
Synonyms:	hVAP-33; VAMP-A; VAP-33; VAP-A; VAP33
Locus ID:	9218



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UniProt ID: [Q9P0L0](#)

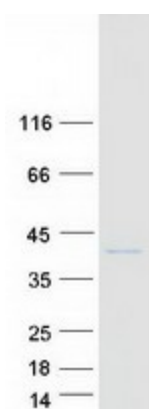
Cytogenetics: 18p11.22

Summary: The protein encoded by this gene is a type IV membrane protein. It is present in the plasma membrane and intracellular vesicles. It may also be associated with the cytoskeleton. This protein may function in vesicle trafficking, membrane fusion, protein complex assembly and cell motility. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Protein Pathways: Tight junction

Product images:



Coomassie blue staining of purified VAPA protein (Cat# [TP314308]). The protein was produced from HEK293T cells transfected with VAPA cDNA clone (Cat# [RC214308]) using MegaTran 2.0 (Cat# [TT210002]).