

Product datasheet for PH305337

VILIP1 (VSNL1) (NM_003385) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VSNL1 MS Standard C13 and N15-labeled recombinant protein (NP_003376)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205337
Predicted MW:	22.1 kDa
Protein Sequence:	>RC205337 protein sequence Red=Cloning site Green=Tags(s) MGKQNSKLAPEVMEDLVKSTEFNEHELKQWYKGLKDCPSGRLNLEEFQQLYVKFFPYGDASKFAQHAFR TFDKNGDGTIDFREFICALSITSRGSFEQKLNWAFNMYDLGDGKITRVEMLEIIEAIYKMVGTVIMMKM NEDGLTPEQRVDKIFSKMDKNKDDQITLDEFKEAAKSDPSIVLLLQCDIQK 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_003376
RefSeq Size:	2014
RefSeq ORF:	573
Synonyms:	HLP3; HPCAL3; HUVISL1; VILIP; VILIP-1
Locus ID:	7447
UniProt ID:	P62760



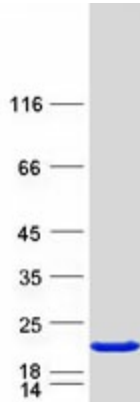
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Cytogenetics: 2p24.2

Summary: This gene is a member of the visinin/recoverin subfamily of neuronal calcium sensor proteins. The encoded protein is strongly expressed in granule cells of the cerebellum where it associates with membranes in a calcium-dependent manner and modulates intracellular signaling pathways of the central nervous system by directly or indirectly regulating the activity of adenylyl cyclase. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified VSNL1 protein (Cat# [TP305337]). The protein was produced from HEK293T cells transfected with VSNL1 cDNA clone (Cat# [RC205337]) using MegaTran 2.0 (Cat# [TT210002]).