

Product datasheet for TP305337L

VILIP1 (VSNL1) (NM_003385) Human Recombinant Protein

Product data:

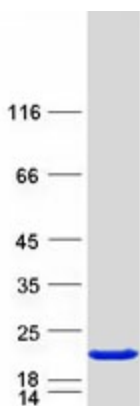
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human visinin-like 1 (VSNL1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205337 protein sequence Red =Cloning site Green =Tags(s)
	MGKQNSKLAPEVMEDLVKSTEFNEHELKQWYKGFLLKDCPSGRLNLEEFQQLYVKFFPYGDASKFAQHAFR TFDKNGDGTIDFREFICALSITSRGSFEQKLNWAFNMYDLDDGDKITRVEMLIIEAIYKMGVTVIMMKM NEDGLTPEQRVDKIFSKMDKNKDDQITLDEFKEAAKSDPSIVLLLQCDIQK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	22 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	WB positive control (PMID: 29283288)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003376
Locus ID:	7447
UniProt ID:	P62760



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RefSeq Size:	2014
Cytogenetics:	2p24.2
RefSeq ORF:	573
Synonyms:	HLP3; HPCAL3; HUVISL1; VILIP; VILIP-1
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]).