

Product datasheet for **TP305337**

VILIP1 (VSNL1) (NM_003385) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human visinin-like 1 (VSNL1), 20 µg

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](https://pubmed.ncbi.nlm.nih.gov/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

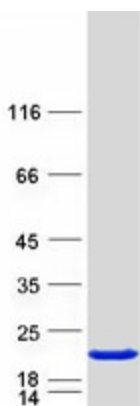
RefSeq ORF: 573

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]).