Active Recombinant Full Length Human VSNL1 Protein, C-Flag-tagged

Cat. No. VSNL1-208HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human VSNL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	WB positive control
Molecular Mass	22 kDa
AA Sequence	MGKQNSKLAPEVMEDLVKSTEFNEHELKQWYKGFLKDCPSGRLNLEEFQQLYVKF FPYGDASKFAQHAFR TFDKNGDGTIDFREFICALSITSRGSFEQKLNWAFNMYDLD GDGKITRVEMLEIIEAIYKMVGTVIMMKM NEDGLTPEQRVDKIFSKMDKNKDDQITLDEFKEAAKSDPSIVLLLQCDIQKTRTRPLE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

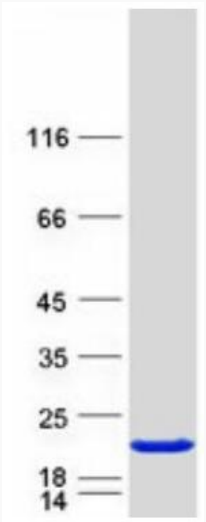
	QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	VSNL1 visinin like 1 [Homo sapiens (human)]
Official Symbol	VSNL1
Synonyms	HLP3; VILIP; HPCAL3; HUVISL1; VILIP-1
Gene ID	7447
mRNA Refseq	NM_003385.5
Protein Refseq	NP_003376.2

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MIM	600817
UniProt ID	P62760



Coomassie blue staining of purified VSNL1 protein.

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