

## Product datasheet for **RC205337L4V**

### VILIP1 (VSNL1) (NM\_003385) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	VILIP1 (VSNL1) (NM_003385) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VILIP1
Synonyms:	HLP3; HPCAL3; HUVISL1; VILIP; VILIP-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003385
ORF Size:	573 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205337).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_003385.4</a>
RefSeq Size:	2014 bp
RefSeq ORF:	576 bp
Locus ID:	7447
UniProt ID:	<a href="#">P62760</a>
Cytogenetics:	2p24.2
Domains:	EFh
Protein Families:	Druggable Genome



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**MW:** 22.1 kDa

**Gene 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]