

Product datasheet for RC203570L3V

OriGene Technologies, Inc.

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VILIP3 (HPCAL1) (NM_002149) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: VILIP3 (HPCAL1) (NM_002149) Human Tagged ORF Clone Lentiviral Particle

Symbol: VILIP3

Synonyms: BDR1; HLP2; VILIP-3

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 002149

ORF Size: 579 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC203570).

Sequence:

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. More info

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: <u>NM 002149.2</u>

 RefSeq Size:
 1779 bp

 RefSeq ORF:
 582 bp

 Locus ID:
 3241

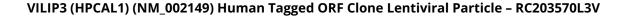
 UniProt ID:
 P37235

 Cytogenetics:
 2p25.1

Domains: EFh

MW: 22.3 kDa







Gene Summary:

The protein encoded by this gene is a member of neuron-specific calcium-binding proteins family found in the retina and brain. It is highly similar to human hippocalcin protein and nearly identical to the rat and mouse hippocalcin like-1 proteins. It may be involved in the calcium-dependent regulation of rhodopsin phosphorylation and may be of relevance for neuronal signalling in the central nervous system. Several alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Apr 2012]