

Product datasheet for **RC203570L3V**

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

Product data:

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|---------------------------|--|
| 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 Sequence: | The ORF insert of this clone is exactly the same as(RC203570). |
| 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: | NM_002149.2 |
| RefSeq Size: | 1779 bp |
| RefSeq ORF: | 582 bp |
| Locus ID: | 3241 |
| UniProt ID: | P37235 |
| Cytogenetics: | 2p25.1 |
| Domains: | EFh |
| MW: | 22.3 kDa |



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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]