

Product datasheet for **RC232068**

VILIP3 (HPCAL1) (NM_001258357) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: VILIP3 (HPCAL1) (NM_001258357) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: VILIP3
Synonyms: BDR1; HLP2; VILIP-3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC232068 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAACAGAACAGCAAGCTGCGGCCGAGGTGCTGCAGGACCTGCGGGAGAACACGGAGTTCACCG
ACCACGAGCTGCAGGAGTGGTACAAGGGCTTCTCAAGGACTGCCACCACCGCCACCTGACCGTGGACGA
GTTCAAGAAGATCTACGCCAATCTTCCCTACGGCGACGCTTCCAAGTTCGCCGAGCAGCTCTCCGC
ACCTTCGACACCAACGGCGACGGCACCATCGACTCCGGGAGTTCATCATTGCGTGAGCGTGACCTCGC
GGGCAAGCTGGAGCAGAAGCTCAAGTGGCCTTCAGCATGTACGACCTGGACGGCAACGGCTACATCAG
CCGACGAGATGCTGGAGATCGTGCAGGCCATCTACAAGATGGTGTCTGTGATGAAGATGCCGGAG
GATGAGTCCACCCGGAGAAGCGCACAGACAAGATCTTCAGGCAGATGGACCAACAATGACGGCAAAC
TGTCTTGAAGAATTCATCAGAGGTGCCAAGAGCGACCCCTCCATCGTCCGCTGCTGCAGTGCGACCC
CAGCAGTGCCAGTCAGTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC232068 protein sequence
Red=Cloning site Green=Tags(s)

MGKQNSKLRPEVLQDLRENTFTDHELQEWYKGLKDCPTGHLTVDEFKKIYANFFPYGDASKFAEHVFR
TFDTNGDGTIDFREFIIALSVTSRGKLEQKLKWFASMYDLGNGYISRSEMLEIVQAIYKMSVSSVMKMP
DESTPEKRTDKIFRQMDTNDGKLSLEEFIRGAKSDPSIVRLLQCDPSSASQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



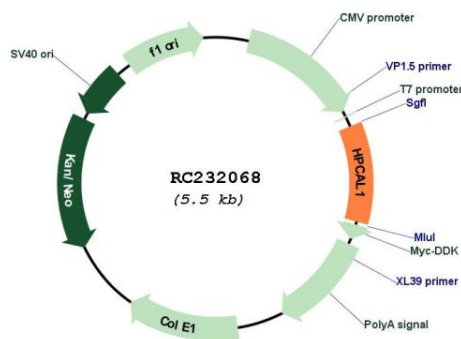
UniProt ID: [P37235](#)

Cytogenetics: 2p25.1

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]

Product images:



Circular map for RC232068