

Product datasheet for **RN214186**

Hpcal1 (NM_017356) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpcal1 (NM_017356) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hpcal1
Synonyms:	NVP-3; Nvp3; VILIP-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214186 representing NM_017356 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAGCAGAACAGCAAAGCTGCGGCCTGAGGTGCTGCAGGACCTGCGGGAACACACAGAGTTCACTG
ACCATGAGCTGCAGGAGTGGTATAAGGGCTTCTCAAGGACTGTCCACCGGCCACTTGACAGTGGACGA
ATTCAAGAAGATCTACGCCAACTTCTCCCTATGGCGACGCCTAAGTTTGCCGAACACGTCTCCGC
ACCTTTGACACCAACAGCGATGGCACCATCGACTCCGGGAGTTCATCATCGACTGAGCGTGACCTCTC
GGGCAAGCTGGAGCAGAAGCTCAAGTGGCCTCAGCATGTACGACCTGGACGGCAACGGCTACATCAG
CCGAGTGAAATGCTGGAGATTGTGCAGGCCATCTACAAGATGGTGTCTCCGTGATGAAGATGCCCGAG
GATGAGTCCACACCCGAGAAGCGAACAGACAAGATCTTCAGGCAGATGGACACAAACAATGATGGCAAAC
TGTCCCTGGAAGAATTCATCAAAGGTGCCAAGAGCGACCCGTCATTGTCCGGTTGCTGCAGTGTGACCC
CAGCAGTGCTAGCCAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_017356
Insert Size:	582 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_017356.2</u> , <u>NP_059052.1</u>
RefSeq Size:	1721 bp
RefSeq ORF:	582 bp
Locus ID:	50871
UniProt ID:	<u>P62749</u>
Cytogenetics:	6q16
Gene Summary:	plays a role in neuronal calcium sensing [RGD, Feb 2006]