

Product datasheet for MC207499

Hpcal1 (NM_016677) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpcal1 (NM_016677) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hpcal1
Synonyms:	NVP-3; Nvp3; VILIP3; Vnsl3; Vsnl3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207499 representing NM_016677 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAGCAGAACAGCAAGCTGCGTCTGAGGTGCTGCAGGACCTGCGGGAACACACGGAATTCACCG
ACCATGAGCTTCAGGAGTGGTACAAGGGCTTCTCAAGGACTGCCCACTGGCCACCTGACTGTGGACGA
GTTCAAGAAGATCTACGCCAATTCTTCCCTACGGCGATGCCTCAAGTTCGCTGAACACGTCTCCGC
ACCTTCGACACCAACAGCGATGGCACCATCGACTTCCGGGAGTTCATCATTGCTCTGAGTGTGACCTCTC
GGGCAAGCTGGAACAGAAGCTCAAGTGGCCTTTAGCATGTACGACCTGGACGGCAATGGCTACATCAG
CCGAGTGAAATGCTGGAGATAGTGCAGGCCATCTACAAGATGGTGTCTCCGTGATGAAGATGCCTGAG
GACGAGTCCACGCCGAAAAGCGAACAGACAAGATCTTCAGACAGATGGACACAAACAATGATGGCAAAC
TGTCCCTGGAAGAATTCATCAAAGGTGCCAAGAGCGACCCATCCATTGTCCGGTTGCTGCAGTGTGATCC
CAGCAGTGCTAGCCAGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_016677
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_016677.4</u> , <u>NP_057886.1</u>
RefSeq Size:	1561 bp
RefSeq ORF:	582 bp
Locus ID:	53602
UniProt ID:	<u>P62748</u>
Cytogenetics:	12 A1.2
Gene Summary:	May be involved in the calcium-dependent regulation of rhodopsin phosphorylation. [UniProtKB/Swiss-Prot Function]