

Product datasheet for MC212317

Hpcal4 (NM_174998) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hpcal4 (NM_174998) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hpcal4
Synonyms: AI846570; NVP-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212317 representing NM_174998
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGGAAAAACAACAGCAAGCTGGCCCCGAGGTGCTGGAAGACCTGGTCCAGAACACGGAGTTCAGCG
 AGCAGGAGCTAAAGCAGTGGTATAAGGGTTTCCTGAAGGACTGCCAGTGGCATCCTCAACCTGGAGGA
 GTTTCAGCAACTCTATATCAAGTCTTCCCTTATGGAGACGCGTCCAAGTTTGGCAGCATGCTTCCCGC
 ACCTTCGACAAGAACGGCGATGGCACCATCGACTTCCGGGAGTTCATCTGCGCCCTTCTGTACCTCCC
 GTGGCAGCTTCGAGCAGAAGCTCAACTGGCCCTTTGAGATGTACGATCTGGACGGTGACGGCCGATCAC
 ACGGCTGGAGATGCTGGAGATCATCGAGGCTATCTATAAGATGGTGGGCACCGTGATCATGATGCGCATG
 AACCAGGATGGGCTCACACCCAGCAGCGTGTGGACAAGATCTTCAAGAAGATGGACCAGGATAAGGATG
 ACCAGATTACGCTGGAGGAGTTCAAGGAGGCGGCCAAGAGTGACCCGTCATCGTGTGCTCCTGCAAGT
 TGACATGCAGAAGTAG

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_174998

Insert Size: 576 bp

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).



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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_174998.4</u> , <u>NP_778163.1</u>
RefSeq Size:	4652 bp
RefSeq ORF:	576 bp
Locus ID:	170638
UniProt ID:	<u>Q8BGZ1</u>
Cytogenetics:	4 D2.2
Gene Summary:	May be involved in the calcium-dependent regulation of rhodopsin phosphorylation. [UniProtKB/Swiss-Prot Function]