

Product datasheet for RN207866

Hpca (NM_017122) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hpca (NM_017122) Rat Untagged Clone
Tag: Tag Free
Symbol: Hpca
Synonyms: MGC105450
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207866 representing NM_017122
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCAAGCAGAATAGCAAGCTGCGGCCAGAGATGCTGCAGGACCTGCGAGAGAACACCGAGTTCTCTG
 AGCTGGAGCTTCAGGAGTGGTACAAGGGCTTCTGAAGGACTGCCGACTGGCATCTCAACGTGGATGA
 GTTCAAGAAGATCTACGCCAACTTCTTCCCTACGGCGATGCCTCCAAGTTCGCCGAGCATGTCTCCGC
 ACTTTTGACACCAACAGCGACGGCACCATCGACTTCCGGGAGTTTCATCATCGCTCTGAGCGTGACCTCGC
 GTGGCCGCTGGAGCAGAAGCTCATGTGGCCCTCAGCATGTACGACCTGGACGGCAATGGCTACATCAG
 CCGGGAGGAGATGCTAGAAATTGTGCAGGCCATTTACAAGATGGTTTCGTCGGTATGAAGATGCCTGAG
 GATGAGTCTACCCGGAAAGAGGACTGAGAAAATCTTCCGCCAAATGGACACAAACAATGACGGCAAGC
 TGTCAGTGGAGGAGTTTCATCCGCGGGGCCAAAAGCGACCCATCGATCGTGCCTGCTGCAATGCGATCC
 CAGCAGCGCTTCCAGTTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017122
Insert Size: 582 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_017122.1</u> , <u>NP_058818.1</u>
RefSeq Size:	1561 bp
RefSeq ORF:	582 bp
Locus ID:	29177
UniProt ID:	<u>P84076</u>
Cytogenetics:	5q36
Gene Summary:	calcium-binding protein of the recoverin family [RGD, Feb 2006]