

Product datasheet for MC203307

Hpca (NM_010471) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hpca (NM_010471) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hpca
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC058588

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GACTTGGCTCTTCTGCCATGGGCAAGCAGAACAGCAAGCTGCGGCCAGAGATGCTGCAGGACCTGCGAGA
GAACACGGAGTTCTCTGAGCTGGAGCTACAGGAGTGGTACAAGGGCTTCTGAAGGACTGCCCCACTGGC
ATCCTCAACGTGGATGAGTTCAAGAAGATCTACGCCAACTTCTTCCCCTATGGCGACGCCTCAAGTTTG
CCGAGCACGTCTTCCGCACCTTTGACACCAACAGCGACGGCACCATCGACTTCCGGGAGTTCATCATTGC
TCTGAGCGTGACCTCGCGTGGCCGCTGGAGCAGAAGCTCATGTGGGCCTTCCAGCATGTATGACCTGGAT
GGCAATGGCTACATCAGCCGGGAGGAGATGCTAGAAAATTGTGCAGGCCATTTACAAGATGGTTTCGTCCG
TGATGAAAATGCCCGAGGATGAGTCGACCCCGAAAAGAGGACTGAGAAAATCTTCCGCAAATGGACAC
AAACAATGACGGCAAGCTGTGCTGGAGGAGTTCATCCGCGGAGCCAAAAGCGACCCATCCATCGTGCGC
CTGCTGCAGTGTGATCCCAGCAGCGCCTCCCAGTCTGAGCTGAGAGGAGCCAGCTCGCCTCCCTGCCTT
CACCGGCCCTCCGGCTCTCAGCTTCTCCTCCTCGTGTCTATCCAGGCTGGGGGCCAGACTGGGGATCCC
TTTCTGGGGTCTGCACTGTGTGTGTGTGGGCCTCTGGAGAAGTGAAACCTGCAAGGAAGGGGCTAAGC
AAGACAGCTGTTAGTCTCCACGGCCCAAGAGGCAGAATCTCCCTTAGTGGGACCGAGATAGCCCTCCGGT
CAGGTTCTGTATTCTTTAGTGAGACAGTGGATCATCTTACACCCACCCACAGTCAGGAGGATCTCCAC
AACACGGGGCAGGGGGCGGGTAGGTCCCCTTTGGGTGGTCTCAGCCTGGAGGGAGGTGGGGAGTCAT
GCCAAGGTGAAGAGTCTTTTGTGGTGGGGAGCCACGGATGATTTCTGGGCTGTGGGGCTTTGAAGAA
GTTCCCTGATCTACTTCCCTGCAGAAGAACAATCTTGTCCCAGCTTGTGCTGGTGGAGGCCATGGTAA
AACAAAACAAAATCCCAGGATCCAATGGGGTCCCCAAAATCAACCTGCCTTTTGCACCTAGATAA
CCACAGATTTACCCGTCTGTACTCTGTATTTACCTCTCTCTCGTGCACACACACACACACACACAC
ACACACACACACACACACACACACACACACACAGAGGCCACAGACAGATGGGCAGAGCCCTCCA
CAGCATTTCTGTGTGGAAAGGAGCGCAGGCCCCCGGCCAAGCCCATGTCCCTCTGCATGCAGCCACAG
GAGCATTTGGTTCTTTTAATAACTTCAAATAAAGTCTTGTTCAGTGCAAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: RsrII-NotI
ACCN: NM_010471
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>BC058588</u> , <u>AAH58588</u>
RefSeq Size:	1484 bp
RefSeq ORF:	582 bp
Locus ID:	15444
UniProt ID:	<u>P84075</u>
Cytogenetics:	4 D2.2
Gene Summary:	Calcium-binding protein that may play a role in the regulation of voltage-dependent calcium channels. May also play a role in cyclic-nucleotide-mediated signaling through the regulation of adenylate and guanylate cyclases.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 encode the same protein.