

Product datasheet for RN210392

Cacng2 (NM_053351) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cacng2 (NM_053351) Rat Untagged Clone
Tag: Tag Free
Symbol: Cacng2
Synonyms: lpr328
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210392 representing NM_053351
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCTGTTTGATCGAGGTGTTCAAATGCTTTTAACCACCGTTGGTGCTTTCGCTGCCTTCAGCTTGA
TGACCATCGCTGTGGAAACCGACTATTGGCTGTACTCCAGAGGGGTTTGAAGACAAAAGTGTCAGTGA
GAATGAAACCAGCAAAAAGAACGAGGAAGTTATGACCCATTCGGATTATGGAGAACCTGCTGCCTCGAA
GGGAATTCAAAGGTCTGTGCAAGCAAATCGACCACTTTCCCGAAGACCGGGACTACGAGGCTGACACCG
CAGAGTATTTCTCAGGGCCGTGAGGGCTCGAGTATCTCCCAATCCTGAGTGTGATCCTGCTCTTCAT
GGGTGGTCTCTGCATCGCTGCAAGCGAGTTTTACAAGACACGTCAACAATCATCCTGAGCGCTGGCATC
TTCTTCGTGTCTGAGGTCTAAGTAATATTATCGGGATCATCGTGTATATATCAGCCAATGCTGGAGACC
CCTCCAAGAGTGACTCAAAAAGAACAGCTACTCCTACGGCTGGTCTTCTACTTCGGGGCCCTGTCCTT
CATCATCGCCGAGATGGTCGGGGTGTGGCCGTGCACATGTTTATCGACCGCCACAAACAGCTGCGGGCC
ACGGCCCGTGCCACCGACTACCTCCAGGCTCCGCCATCACCCGCATCCCAGCTACCGCTACCGCTACC
AGCGCCGACCGCTCCAGCTCGCGCTCCACCGAGCCCTCACTCCAGGGACGCCTCGCCGTGGCGCT
GAAGGGCTTCAACACCTGCCGTCCACGGAGATCTCCATGTACACCCTCAGTAGGGACCCCTGAAGGCT
GCCACCACGCCATCGCCACCTACAACCTCGGACAGGGATAACAGCTTTCTCCAGGTCCACAACCTGTATCC
AGAAGGACAGCAAGGACTCTCTCCACGCCAACACAGCCAACCGCCGACCACGCCCGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053351
Insert Size: 972 bp



[View online »](#)

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_053351.1</u> , <u>NP_445803.1</u>
RefSeq Size:	1124 bp
RefSeq ORF:	972 bp
Locus ID:	84347
Cytogenetics:	7q34
Gene Summary:	subunit of voltage-dependent calcium channel; involved in influencing channel properties [RGD, Feb 2006]