

Product datasheet for **RN211572**

Cacng7 (NM_080695) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cacng7 (NM_080695) Rat Untagged Clone
Tag: Tag Free
Symbol: Cacng7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211572 representing NM_080695
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAGTCACTGCAGCAGCCGCGCCCTGACCCTGCTGAGCAGCGTGTGGTGCCTGCGGCCTGCTCCTTG
TGGGCATCGCGGTCAGCACGGACTACTGGCTGTATATGGAGGAGGGGACCGTTTTGCCGAGAACCAGAC
CACCGAGGTCAAGATGGCGCTGCACGCTGGCCTCTGGAGAGTCTGCTTCTTTCAGGTCGGGAGAAGGGG
CGCTGTGTGGCTTCTGAGTACTTCTTGAACCAGAGATCAACTTGGTGACGGAAAACACGGAGAATATTC
TGAAGACAGTACGCACGGCTACACCCTCCCTATGGTCAGTCTCTTCTTGTGTTACCGCCTTCGTCAT
CAGCAACATCGGCCACATCCGACCTCAGAGGACCATTCTTGCCTTCGTTTCTGGCATCTTTTTTCATTTTA
TCAGGCCCTCTCCTTGGTGGTGGCTTGGTTCTATACATCTCTAGCATCAACGATGAGGTCATGAACAGGC
CCAGCAGCTCTGAGCAATACTTTCACTATCGCTACGGTGGTGGTTCGTTTGCCTTCGCTGCTTCTTCTTCT
TCTGAAAGAGGGGGCCGGAGTCATGTCCGTGACTTATTCACCAAGCGCTACGCGGAGGAGGAGATGTAT
CGCCCGCACCCGGCTTCTACCGACCGCTCTCAGCGACTGCTCCGACTACTCGGCCAGTTTCTGCAAC
CCGAAGCGTGGCGTCGTGGCCGAGCCCTCCGACATTTCTAGCGAGTCTCCATCCAGATGACGCAAAA
TTACCCTCCGGCCATCAAGTACCCGGACCCTCCACATCTCCACTTCACCTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_080695
Insert Size: 828 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:	NM_080695.1 , NP_542426.1
RefSeq Size:	828 bp
RefSeq ORF:	828 bp
Locus ID:	140728
UniProt ID:	P62957
Cytogenetics:	1q12
Gene Summary:	human homolog is involved in negative regulation of CaV2.2 calcium channel expression [RGD, Feb 2006]