

Product datasheet for RN213818

Cngb1 (NM_031809) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cngb1 (NM_031809) Rat Untagged Clone
Tag: Tag Free
Symbol: Cngb1
Synonyms: Gm1959
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213818 representing NM_031809
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGGCTGGGTCAAAGGGTCTGCCTCAGCCTCCGGGACCCCCAGAAGACTGAAGAGGGAGCAG
GACCACAGCCAGAAACAGAGTCAAAGCCTGAGGCAAATCCACAACCCGAGCCAGAGGTTCCAGCCGGAACC
AGAGCCGGAACCGGAACAGAGCCGGAACCGGAACAGCACCTGAAGAGGCTGCACCAGAGTCCAGACC
CTGCCACCAGAGGAACAGTGGAAAGGAGAGGATGTGGCTGAGGCTGGCCCTAGCCTTCAAGAGACCCAGG
AAGCTGACCCCTCAGCCACCTCCAGGCCAGGTTGCTGTTGTCAAGGTGAACAGGCCAGCTCCTG
GATGTTGAGCTGGTTCTGGAAGGGCATGGAGAAGGTCTGCCACAGCCTGTCTACAGCAGCAGTGGGGC
CAGAACCTGGCTGCCGGAGAGGGAGGCCAGATCAGGATGGAGCACAGACCCTGGAGCCCTGTGGCACTG
GAGACCCAGGGTCTGAAGATGGCTCAGATAAACTTCCAAGACTCAAGACACTGAGCCAGCCTGTGGCT
ACTCAGGTGGCTTGAGCTGAATCTGGAGAAGGTGCTACCTCAGCCCCCTACGCCTCCCAGGCCTGGAAA
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AGTTACCAGAAGAAGAAGAGGAGAAGGAGGAAGAGAAGAAGGAGGAGGAAGAGGAGAAGGAGGAGGAGGA
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CAGGAAGAAGCTACCTTCTCAGGATGATGAGGCTGAAGAACTCAAGGCCCTGTACCGGCTGAGTCCCCA
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GCCAGAACAGTGCCATCATCAACGACCCGCTCCAGGAGCTGGTGAAGATGTTCAAGGAGCGGACAGAGAA
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AGATCCCAGGTCTGTGCAGAACCAGCTCAAGACCTGGTACGAATACACCTGGCACTCACAAGGCATGCT
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CAGCCCCGAGTTCTCCACCGCCAGCCTCAGCAAAGCCGAGGGAAGCACGGAGGAGCCGACGGGCCGCC
GGAGCCTTCAGTGAGGATCCGTGTGAGTCCAGGCCCTGATCCCGGGGAACAGACACTATCGGTGGAGATG
CTGGAAGAGAAGAAGGAGGAGGTGGAGTGA
    
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_031809

Insert Size:

4020 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).

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:

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_031809.1](#), [NP_113997.1](#)

RefSeq Size: 4238 bp

RefSeq ORF: 4020 bp

Locus ID: 83686

Cytogenetics: 19p13

Gene Summary: olfactory cyclic nucleotide-gated channel subunit [RGD, Feb 2006]