

Product datasheet for MC203951

Cngb1 (NM_145601) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cngb1 (NM_145601) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cngb1
Synonyms: Cngb1b; Garp2; Gm1959
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC016201
 AGCTGCTGGGGCACTGAGAAGGCAATTCCTGGCTAGCCGCTGACATCTGAACAGGTGTCAGGATGTTGGG
 CTGGGTCCAAAGGTGCTGCCTCAGCCTCCGGGACCCCTCAGAAGACCGTGGAGACAGCAGGACCACAG
 CCAGAAAACAGAGTCGAAACCAGAGGCCAACCCACAACCGGAGCCAGAACCCTCAGCAGGAACCAGAGCCAG
 AGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAACCTGAACC
 TGAACCACTGACCTGAAGAGGCTCCACCTGAGGTCCAGGCCCTGCCACCAGAGGAGCCAATGGAAGGAGAG
 GGAGAGGCTGAGGCTGGTCCCAGCCTTCAAGAGACCCAGGTAGCTGACCTGCTCAGCCACCTCCCAGG
 CCCAGGTTGCTGTTGCCAAGGTGAACAGGCCAGCTCCTGGATGTTGAGCTGGTTCTGGAGAGGCATGCA
 GAAGGTCGTGCCACAGCCTGTCTGCAGCAATGGGGCCAGAACCCTGGCTGCCGGAGAGCGAGACCCAGAT
 CAGGGTGGAGCACAGATCCCAGAACCTTGTGGCACTGGGGACCCAGGATCTGCAGAAGCTTCCGGGACTC
 AGGACACTGAGCCAGCCTTTGGCTGCTCAGGTGGCTTGAGCAGAATCTGGAAAAAGTGTGCCCCAGCC
 CCCTCCGCTTCCCTGGCTGGAAGTTGAACCTGAGGCTGCTGTCTGGATCCAGATCCTCCAGGAACC
 CCTATGCAGATGGAGCCACAGAGGCCCTCCAGCCTAATCCTGGACCCTGGAGCCTGAGGAAGAGC
 CAGCTGCAGAGCCCGCCTGGCTTCCAATCCTTCCCTGCCACCACCCGGGGACCCCGTCAGGCTGAT
 TGAGTGGCTCCTACACAGACTGGAGATGGCCCTGCCTCAGCCCGTGTCCATGGGAAGGCTGCAGAGCAA
 GAGCCTGGCTGCCCTGGGATGTGTGACGTACAGACCAGGGCGACAGCAGCTGGAGGCCTCTGAAACAAGG
 GAGAGGGGACCTGGGGAGCCATGGACAAACGGATGCATGGATGGATGAAGGACTGAAGGATGCCTCAAG
 AGAAGAAGCTTTAGGGGGCAGTACTGCTAATCTCCACCCTCTTTGAATAGTGAGCCCCCTGCACCCCCAG
 GCAGGGCAGAGGAAACCAGAGTCATTAAGTGTAACCCAGAGCTTCTCTCAGGGCTCTTGGGCAGGGGG
 CAGCACCCAGATCAGGGCAAGGGCAAGGAAGACTTCTGGTGTGAGACTACAGAGAGCCCTCCCTATTGA
 GGCTCAGTGTCTGAGCATGCTCTCACAAGGGAACTGGCACCATCCACACTACACGGGACTCAGTTTC
 CCTATAAGTGGTTCTTCCAAGGCCTGCCCTAGTTCTCTCTCCCAAGAGTGAGGGACCACCACCGACTGTG
 ACATTGTAATTGACATTAAGAGTGTGACTTTGCACCTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_145601



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Insert Size: 981 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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: [BC016201](#), [AAH16201](#)

RefSeq Size: 1528 bp

RefSeq ORF: 981 bp

Locus ID: 333329

Cytogenetics: 8 C5