

## Product datasheet for **MG204775**

### Cngb1 (NM\_145601) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cngb1 (NM_145601) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cngb1
Synonyms:	Cngb1b; Garp2; Gm1959
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204775 representing NM_145601 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGGGCTGGGTCAAAGGGTGCCTCAGCCTCCGGGGACCCCTCAGAAGACCGTGGAGACAGCAG  
GACCACAGCCAGAAACAGAGTCGAAACCAGAGGCCAACCCACAACCGGAGCCAGAACCTCAGCAGGAACC  
AGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAGCCAGAA  
CCTGAACCTGAACAGTACCTGAAGAGGCTCCACCTGAGGTCCAGGCCCTGCCACCAGAGGACCAATGG  
AAGGAGAGGGAGAGGCTGAGGCTGGTCCCAGCCTTCAAGAGACCCAGGTAGCTGACCCTGCTCAGCCCAC  
CTCCAGGCCCAGGTTGCTGTTGCCAAGGTGAACAGGCCAGCTCCTGGATGTTGAGCTGGTTCTGGAGA  
GGCATGCAGAAGGTCGTGCCACAGCCTGTCTGCAGCAATGGGGCCAGAACCTGGCTGCCGGAGAGCGAG  
ACCCAGATCAGGGTGGAGCACAGATCCCAGAACCTTGTGGCACTGGGGACCCAGGATCTGCAGAAGCTTC  
CGGGACTCAGGACACTGAGCCCAGCCTTTGGCTGCTCAGGTGGCTTGAGCAGAATCTGGAAAAAGTGCTG  
CCCCAGCCCCCTCCGCTTCCCTGGCCTGGAAAGTTGAACCTGAGGCTGCTGTCTTGATCCAGATCCTC  
CAGGAACCCCTATGCAGATGGAGCCACAGAGAGCCCCCTCCAGCCTAATCCTGGACCCCTGGAGCCTGA  
GGAAGAGCCAGCTGCAGAGCCCCAGCCTGGCTTCCAATCCTCTTCCCTGCCACCACCCGGGGACCCCGTC  
AGGCTGATTGAGTGGCTCCTACACAGACTGGAGATGGCCCTGCCCTCAGCCCGTGCCTCATGGGAAGGCTG  
CAGAGCAAGAGCCTGGCTGCCCTGGGATGTGTGACGTACAGACCAGGGCGACAGCAGCTGGAGGCCTC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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- OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
- 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\\_145601.1](#), [NP\\_663576.1](#)

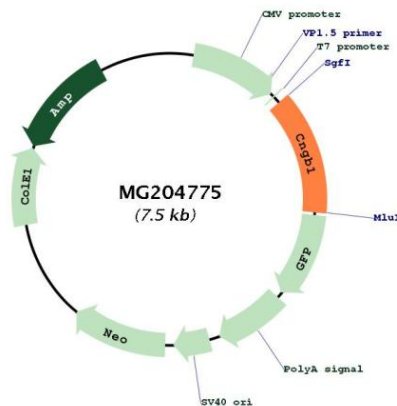
**RefSeq Size:** 1528 bp

**RefSeq ORF:** 981 bp

**Locus ID:** 333329

**Cytogenetics:** 8 C5

**Product images:**



Circular map for MG204775