

## Product datasheet for **MG214876**

### **Cyp2c65 (NM\_028191) Mouse Tagged ORF Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	TurboGFP
<b>Symbol:</b>	Cyp2c65
<b>Synonyms:</b>	2210009K14Rik
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	pCMV6-AC-GFP (PS100010)
<b>E. coli Selection:</b>	Ampicillin (100 ug/mL)



**ORF Nucleotide Sequence:** >MG214876 representing NM\_028191  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGGTTCTAGGTGTGTTTCTGGGGCTTCTCTCACATGTCTGCTTCTTCTTCTCACTATGGAGGCAGAATT  
CTCAGAGAAGAAACCTTCTCCTGGCCCCACACCTCTCCCATCATTGGAAATATTCTTCAGCTAGATCT  
TAAGGACATCAGCAATCTCTGAGGAATTTTCAAAGTCTATGGCCCTGTGTTCACTCTGTACTTGGGC  
AGGAATCCTGCTGTGGTGTACATGGATATGAAGCTGTGAAAGAAGCCTTACTGATCATGGGGAGGAGT  
TTGCTGGAAGAGGAGTTTTCCAGTGTGGATAAGTTAAGAAAACTGCGGGTGTGTTTCAGCAGTGG  
GAGGACCTGGAAAAGAGATGAGACGCTTCTCACTCATGACTCTGCGAACTTTGGGATGGGGAGGAGGAGC  
ATTGAGGACCAATTCAAGAGGAGGCTCGCTGTCTTGTGGATGAATTGAGGAAAACCAAGGTGAACCT  
GTGATCCCACCTTCATCCTCGGCTGTGCTCCTTGAATGTCATCTGCTCCATTGTTTTCCAGAATCGTTT  
TGATTATAAGATCAGGAATTCCTTACCTTCTTAGACATCTAAAATGAAAATGTGGAGATTCTGAGTTC  
CCTTGGATTGAGTTTGAATAATTTTCTGCTGCTATTGATTATCTACCGAAGACACAGAAAATTAC  
ATAAAAATTTTGCCTTTCAGAACATTACTTTTTGTCAAAAAGTAAAACAGCATCAAGAGTCACTGGAT  
TAACAATCCTCGGGACTTTATTGATTGTTTCTGATCAAAAATGGAACAGGAAAAGCACAACCCAAAGACG  
GAGTTACTTGTGAGAACTTGGTCTTACAGCATCTGATCTGTTTGTGCTGGGACAGAGACAACAAGCA  
CAACCTGAGGTACTCTCTGCTGCTCCTGCTCAAGTATCCAGAAGTACAGCCAAAGTCCAGGAAGAGAT  
CGACTGTGTGATTGGCAGACACAGGAGCCCTGCATGCAGGACAGGCATAGCATGCCCTACACTGATGCT  
GTGTTGCATGAGATCCAGAGATACATTGATCTCCTTCCACCAGCCTTCCCATGCCGTGACCCGTGACG  
TGAAAATCAGAGAGTATCTATTCCAAGGGCACCCTGTCATAGCATCACTGACTTCTGTGCTATATGA  
TGATAAAGAATTTCCCAACCCAGAGAAGTTTGACCCAGTCACTTTCTGGATGAGCGTGGCAAGTTTAAG  
AAAAGTGACTACTTTTTCTTCTCAACAGGAAAACGGATTTGTGTGGGAGAGGGTCTGGCTCGAGCAG  
AATTATTTTATTCTGACCACATTTTACAGAACTTAACTTAAAATCTCCAGTTGATCTAAAAGACCT  
TGATACTACTCCAGTTGCCAATGGATTGCTTCTGTGCCACCAAGTCCAGATATGCTTCACTCCATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG214876 representing NM\_028191  
Red=Cloning site Green=Tags(s)

MVLGVFLGLLLTLNLSLWRQNSQRRNLPPTPLPIIGNILQLDLKDISKSLRNF SKVYGPVFTLYLG  
RNPAVVLHGVEAVKEAFTHGEEFAGRGVFPVFDKFKKNCGVVSSGRTWKEMRRFSLMTRLNFGMGRRS  
IEDRIQEEARCLVDELKTKGEPDPTFILGCAPCNVICSIQVFNRFQDYKQEFLLFDILNENVEILSS  
PWIQICNNFPAVIDYLPGRHRKLHKNFAFAEHYFLSKVKQHQESLDINNPRDFIDCFLIKMEQEKHNPKT  
EFTCENLVFTASDLFAAGTETTSTLRYSLNLLKYPVETAKVQEEIDCVIGRHRSPCMQDRHSPMPYD  
VLHEIQRYIDLLPTSLPHAVTRDVKFREYLIPKGTTVIASLTSVL YDDKEFPNPEKFDPSHFLDERGKFK  
KSDYFFPFGKRICVGEGLARAELFLFTTILQNFNLKSPVDLKDLDTPVANGFASVPPKFQICFIP

TRTRPLE - GFP Tag - V

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja2330\\_f06.zip](https://cdn.origene.com/chromatograms/ja2330_f06.zip)

**Restriction Sites:** SgfI-MluI



**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_028191.2](#), [NP\\_082467.2](#)

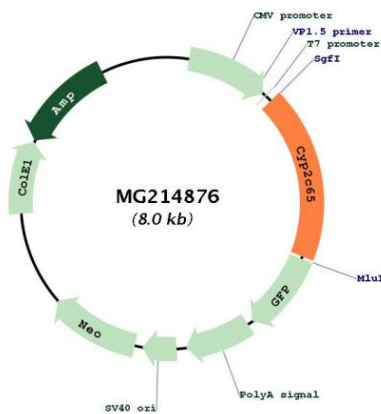
**RefSeq Size:** 1941 bp

**RefSeq ORF:** 1473 bp

**Locus ID:** 72303

**Cytogenetics:** 19 C3

### Product images:



Circular map for MG214876