

## Product datasheet for **MG214720**

### **Ccdc92b (NM\_001013784) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	Ccdc92b
Synonyms:	E130309D14Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

**ORF Nucleotide Sequence:** >MG214720 representing NM\_001013784  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGCGCAGCTAGCGCGGGAGAAGAGCTCTTCCAGAGACCCAGCGAGGCCGGGCCGGGCCGGCGGCT  
CTCTCGGGTCCGCAGGTGGGGCCAGGCCCTGGTTGCCATGGATACCGTGTCCCTGGAGCATCAGATCCA  
GAGCGTGCAACGCCACATCAGCTTCTGAAAAAGGAGCAGGTGGCCCTGCTTCGAGACCTGCACCTGGAG  
ATCCTGAGGCTGCAGAAACGCTGCTCAGAGCTGACCCACGACCTGGAGATGAGAGAGGTCCAGTCTCACC  
AACAAGAAGAGGCGTCCCGAGAGCTGGAGGACAAGTGCCGCGCGCTAGAGTCGCACTGGAGGCACGGGC  
GGCGGCCAACGAGGAGCTGCGGCGGGAGGTGGCACAGCGGGAGGCGCTGGTGTCCGCGCTGCGCTGCAGC  
CTGCGCTCGGAGGAGCGCCGCTTTCTGGAGGAGCTGCGGCGCCGACCCATCGCGCCACGGTGTGGGCA  
CCGAGCTGCAGAAGCACACCGAAGCGGCCCTACCTCTCTGCCAGCTGCACGCCGCGCGCCAGAGACT  
GCAGGGCCCCGCTCTGGCGCCGCGCCGCGGAGCCCCGGGTCCGCGGCGTGCACAACGGGCCCGCCG  
CCTCCGAGGCGGCTGCCAAGGGTCCGAGCCGGGACTGGGCGACCTGGGAAGACGCCGATCCCATGCCGG  
ACCCCGCGCTCTTTCTACTCCACGGAGGCCCGCGCGGCCCGGCGCCCGTGGTCTCGCCCTCTGCTACG  
CCAGGAGATGCCGACCAAGATGCCCGCACCCCGTCCACACCAGGAGCCCCGTACCAAGCGACCCG  
CACCTGGGCCAGCGAGAGCGCAGTCGCCACGCCAGCCAGCGCCAGGGGATCCTGAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



**Protein Sequence:** >MG214720 representing NM\_001013784  
Red=Cloning site Green=Tags(s)

MSAASAGEELFQRPSEARAGPGGSLGSAGGAQAWVAMDTVLSLEHQIQSVQRHISFLKKEQVALLRDLHLE  
 ILRLQKRCSELTHDLEMREVQSHQEEASRELEDKCRALESQLEARAAANEELRREVAQREALVSLRCS  
 LRSEERRFLEELRRRSHRATVLGTEHQKHTAAAYLSCQLHAARQLQGPRSGAAAAEPRVRRRAQRARR  
 PPEAAAKGSPRDWATWEDADPMPDPALFLYPRRPPRPGARGPRPLLRQEMPQDAPHVPVPHQEPL YQGD  
 HPGPSESAVATPSAPGDPE

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shutting:



**ACCN:** NM\_001013784

**ORF Size:** 897 bp

**OTI Disclaimer:** 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](#)

**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.

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

**RefSeq:** [NM\\_001013784.1](#), [NP\\_001013806.1](#)

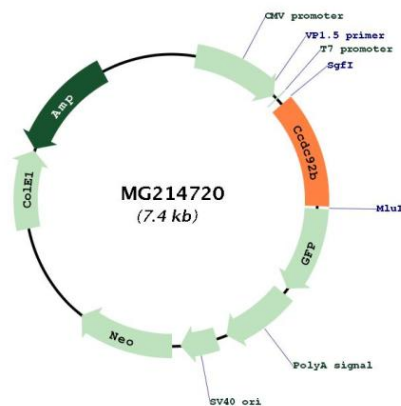
**RefSeq Size:** 4002 bp

**RefSeq ORF:** 900 bp

**Locus ID:** 432582

**Cytogenetics:** 11 B5

### Product images:



Circular map for MG214720