

## Product datasheet for **RG209810**

### **C13orf15 (RGCC) (NM\_014059) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** C13orf15 (RGCC) (NM\_014059) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** C13orf15  
**Synonyms:** bA157L14.2; C13orf15; RGC-32; RGC32  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG209810 representing NM\_014059  
**Red**=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAGCAGCCCGCGGCGCAGGGCAGCCCCGCGGCCGCGGCCGAGCCCCGGCCCTGGACTCGGCGG  
CCGCGGAGGACCTGTCGGACGCGCTGTGCGAGTTTACGCGGTGCTGGCCGACTTCGCGTCGCCCTTCCA  
CGAGCGCCACTTCCACTACGAGGAGCACCTGGAGCGCATGAAGCGGCGCAGCAGCCAGTGTGAGGAG  
AGCAGCGGCTTCAGCGACTCGGAGAGTGCAGATCACTTTATAGGAACAGCTTCAGCTTCAGTGATGAAA  
AACTGAATTCTCCAACAGACTCTACCCAGCTTCTCTCTGCCACTGTCACTCCTCAGAAAGCTAAATT  
AGGAGACACAAAAGAGCTAGAAGCTTCATTGCTGATCTTGACAAAACCTTAGCAAGTATG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG209810 representing NM\_014059  
**Red**=Cloning site **Green**=Tags(s)  
MKQPAAQGSPAAAAAALDSDAAAEDLSDALCEFDVAVLADFASPFHERHFHYEEHLERMKRRSSASVSD  
SSGFSDSESDSLYRNSFSFSDEKLNSPTDSTPALLSATVTPQAKLGDTKLEAFIADLDKTLASM

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_014059

**ORF Size:** 411 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.

**RefSeq:** [NM\\_014059.2](#), [NP\\_054778.2](#)

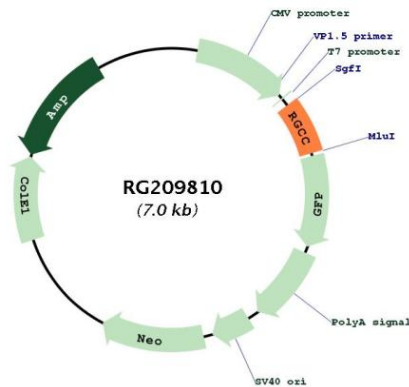
**RefSeq Size:** 1126 bp

**RefSeq ORF:** 414 bp

**Locus ID:** 28984  
**UniProt ID:** [Q9H4X1](#)  
**Cytogenetics:** 13q14.11  
**Gene Summary:**

This gene is thought to regulate cell cycle progression. It is induced by p53 in response to DNA damage, or by sublytic levels of complement system proteins that result in activation of the cell cycle. The encoded protein localizes to the cytoplasm during interphase and to centrosomes during mitosis. The protein forms a complex with polo-like kinase 1. The protein also translocates to the nucleus in response to treatment with complement system proteins, and can associate with and increase the kinase activity of cell division cycle 2 protein. In different assays and cell types, overexpression of this protein has been shown to activate or suppress cell cycle progression. [provided by RefSeq, Jul 2008]

**Product images:**



Circular map for RG209810