

## Product datasheet for **RG207385**

### Cyclin J (CCNJ) (NM\_019084) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyclin J (CCNJ) (NM_019084) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cyclin J
Synonyms:	bA690P14.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG207385 representing NM_019084 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGCTGGAGGGGCGAGTGGTGGCGAGGACAGCTGGCCGCCGATATTCACCAAGCGCTTCGCTACAAGG  
AGCTGAAGTTGCCCTCCTATAAAGGCCAGTCCCCTCAGTTAAGTCTCAGACGGTATTTTGTGACTTGAT  
TGCCATTGTGAGCAATCGCTTCACACTCTGCCCTTCTGCCGCCATCTTGCTGTCTATTTACTGGACCTG  
TTTATGGACCGCTATGACATCTCTATCCAGCAGCTGCATTTAGTTGCGCTTTCCTGCCTGCTTCTAGCAA  
GTAATTTGAAGAAAAGAAGACAGTGTGCCTAAGCTGGAGCAGCTCAACAGCCTGGGTTGTATGACTAA  
TATGAATCTAGTATTAACAAAACAAAATTTGCTACATATGGAACCTATTATTAGAAAACCTTTCAGTGG  
AACCTCTGCCTTCCAACAGCCGCCCATTTTCATTGAGTATTATCTCTCTGAAGCAGTACACGAAACAGATC  
TTCATGACGGCTGGCAAATGATTTGCTTGGAAAAGACTAAACTCTACATGGCCAAATATGCAGATTACTT  
CCTGGAAGTATCTTTGCAAGTAGCTGCTGCATGTGTGGCTTCTTCGAGGATTATACTTCGCTTTTCTCCA  
ACGTGGCTACAAGACTACATCGTCTTACTGCCTACTCTTGGGATTTCTTAGTGCAGTGTATTGAACGAC  
TGTTGATCGCTCATGATAATGATGTGAAAGAAGCAAACAACAGAGAGGGCAAGCAGGACCTCAGTCAGC  
GCAACTAAGTGTATTCCAGACAGCCTCCAGCCATCACGGCCAGTTCACCTTCAGCAACCTCAGTATCTC  
CATCAGACACATCAGACCTCACTGCAGTATCGCCATCCTACGTCAGAACAACCAAGCTGTGACGAGATTG  
TATCGACCACACACCCTCATCTTACACACTACAGACATGCTCCTGGCTTCCAAACTAGTGTTTCAGGG  
CCTTGGGCACATGCAGACTGGTGTGGGATGTCCTGGAATACCAAGTAGAAGTTAAGCCCTGTCTGAGT  
GTTTCTTACAACCGAGTTATCAGATAAATGAACATTACCCTTGTATTACTCCATGTTTTGAAAGG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG207385 representing NM\_019084  
 Red=Cloning site Green=Tags(s)

MELEGQWWRGQLAADIHQALRYKELKLPSTYKQSPQLSLRRYFADLIAIVSNRFTLCPSARHLAVYLLDL  
 FMDRYDISIQQLHLVALSCLLLASKFEEKEDSVPKLEQLNSLGCMTNMNLVLTQNLHMELLLLETFQW  
 NLCLPTAAHFIEYYLSEAVHETDLHDGWPMICLEKTKLYMAKYADYFLEVSLQVAAACVASSRIILRLSP  
 TWPTRLHRLTAYSWDFLVQCIERLLIAHDNDVKEANKQRGQAGPQSAQLSVFQTASQPSRPVHFQQPQYL  
 HQTHQTSLQYRHPTSEQPSCQQIVSTTHTSSYTLQTCPAGFQTSVQGLGHMQTGVGMSLAIPVEVKPCLS  
 VSYNRSYQINEHYPCITPCFER

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_019084

**ORF Size:** 1116 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\\_019084.5](#)

**RefSeq Size:** 4126 bp

**RefSeq ORF:** 1119 bp

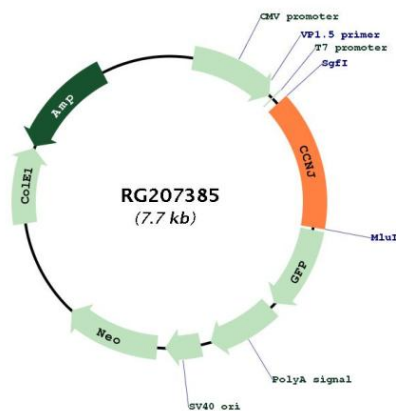
**Locus ID:** 54619

**UniProt ID:** [Q5T5M9](#)

**Cytogenetics:** 10q24.1

**Domains:** cyclin\_C

**Product images:**



Circular map for RG207385