

Product datasheet for **RG236584**

Cyclin Y (CCNY) (NM_001282854) Human Tagged ORF Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Cyclin Y (CCNY) (NM_001282854) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | CCNY |
| Synonyms: | C10orf9; CBCP1; CCNX; CFP1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | >RG236584 representing NM_001282854. Blue=ORF Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCCAGATGGAAGGATGCTCTTAGATATTTTGTGAAAATCTTCACCCTCTTTCGAAATCCGAA
GTGCCACCAGATTATGACAAACACAACCCAGAGCAGAAGCAGATTTACCGTTTCGTTCCGACACTGTTT
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TCT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
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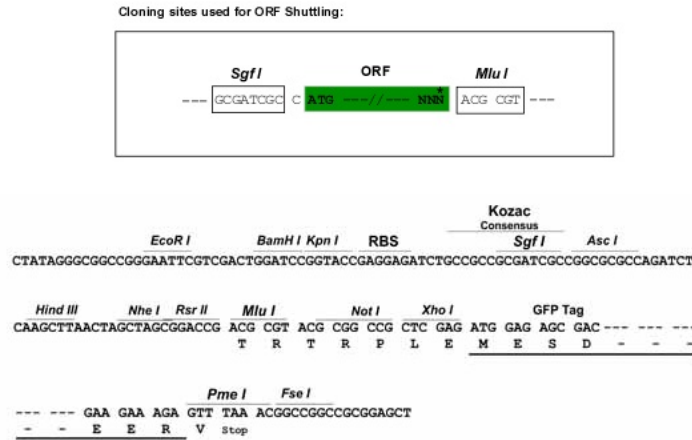
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236584
 Blue=ORF Red=Cloning site Green=Tag(s)

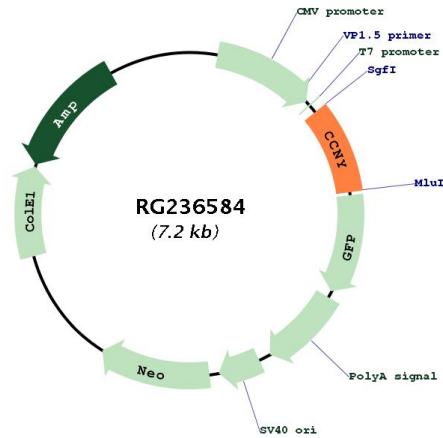
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 S
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
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 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001282854

| | |
|------------------------|--|
| ORF Size: | 624 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). |
| RefSeq: | NM_001282854.2 |
| RefSeq Size: | 4574 bp |
| RefSeq ORF: | 627 bp |
| Locus ID: | 219771 |
| UniProt ID: | Q8ND76 |
| Cytogenetics: | 10p11.21 |
| MW: | 24.6 kDa |
| Gene Summary: | Cyclins, such as CCNY, control cell division cycles and regulate cyclin-dependent kinases (e.g., CDC2; MIM 116940) (Li et al., 2009 [PubMed 18060517]).[supplied by OMIM, May 2009] |