

## Product datasheet for **MC210668**

### Ccny (NM\_026484) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccny (NM\_026484) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Ccny  
**Synonyms:** 1700025H17Rik; 3110050L10Rik; 4631402G10Rik; 5730405I09Rik  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210668 representing NM\_026484  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGAACACAACCTTCGTGCTGCGTGTCCAGCCCCAAGCTCCGGAGGAATGCGCACTCGGGCTGG  
AGTCTACCGCCCGACACGGACCTCAGCCGTGAGGACTGGTCGAATCTGCAGCACATCAGCGACCG  
GGAAAACATCGACGATTTAAACATGGAATTCATCCTTCAGACCATCCTCGGGCCAGCACAATATTCCTC  
AGCAAATCTCAGACAGAGTGTAGAGAAAAACGCAAGAGTCTTTCATTAACCATCATCCTCCAGGGCAGA  
CATCAAGGAAATACAGCTCTTGCTCCACCATCTTCTAGATGACAGCACAGTCAGCCAGCCAAACCTCAA  
GTACACCATCAAATGTGTAGCTCTTGCGATATATTACCACATCAAAAACAGGGACCCAGATGGAAGGATG  
CTCTTAGATATTTTTGATGAAAACCTCCACCCTTTTCGAAATCCGAAGTGCCACCTGATTATGACAAAC  
ACAACCCAGAACAGAAGCAAATTTACCGGTTCTGTCGACTCTTCAGTGTGCTCAGCTGACAGCTGA  
ATGTGCCATTGTCACCCTGGTATACCTTGAAAGGCTCTTGACATACGCAGAGATTGATATCTGTCCAGCC  
AATTGGAAGCGCATTGTTCTAGGGGCAATCCTGCTGGCCTTAAGGTGTGGGATGACCAAGCTGTGTGGA  
ATGTGGATTACTGCCAGATCCTGAAAGACATCACAGTGGAGGACATGAATGAAGTGGAGGACAGTTTCT  
TGAATTGCTACAGTTTAAACATCAATGTTCTTCCAGTGTGTATGCCAAGTATTATTTGATCTTCGTCT  
CTGGCAGAAGCAAACAACCTGAGCTTCTCTGGAGCCCCTAAGCAGAGAGCGTCCACCAAGCTTGAGG  
CCATCTCTCGTCTCTGTGAGGACAAGTACAAGGACCTGAGGAAACCCATGAGGAAGCGTTTACGAAGTGC  
TGACAACCTGATTCTGCCAAGGTGGTCTCCAGCCATCATCTCT**TAA**

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_026484



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<b>Insert Size:</b>	1026 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_026484.3</a> , <a href="#">NP_080760.2</a>
<b>RefSeq Size:</b>	4017 bp
<b>RefSeq ORF:</b>	1026 bp
<b>Locus ID:</b>	67974
<b>UniProt ID:</b>	<a href="#">Q8BGU5</a>
<b>Cytogenetics:</b>	18 A1
<b>Gene Summary:</b>	Positive regulatory subunit of the cyclin-dependent kinase CDK14/PFTK1. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway (By similarity). Recruits CDK16 to the plasma membrane (By similarity). Positive regulatory subunit of the cyclin-dependent kinase CDK16.[UniProtKB/Swiss-Prot Function]