

## Product datasheet for **RR216416**

### Ccny (NM\_001191833) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccny (NM\_001191833) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ccny  
**Synonyms:** RGD1565969  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR216416 representing NM\_001191833  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGGAACACAACCTTCGTGCTGCGTGTCCAGCCCTAAGCTCCGGAGGAATGCGCACTCGGGCTGG  
AGTCTACCGCCCGACACGGACCTCAGCCGCGAGGACTGGCTGCAATCTGCAGCACATCAGCGACCG  
GGAAAACATCGACGATTTAAACATGGAATTCATCCTTCAGACCATCCTCGGGCCAGCACAATATTCCTC  
AGCAAATCTCAGACAGACGTGAGAGAAAAACGAAAGAGTCTTTCATTAACCATCATCCTCCAGGGCAGA  
CATCAAGGAAATACAGTTCCTGCTCCACCATCTTTCTAGACGACAGCACAGTCAGCCAGCCAAAACCTCAA  
GTACACCATCAAATGTGTAGCTCTTGCGATATATTACCACATCAAAAACAGGGACCCAGATGGAAGGATG  
CTCTTAGATATTTTTGATGAAAACCTCCACCCTCTTCGAAATCCGAAGTGCCACCAGATTATGACAAAC  
ACAACCCAGAGCAGAAGCAGATTTACCGGTTCTGTCGACACTGTTCAAGTGTGGATGACCAGGCTGTGGA  
ATGTGCCATTGTCACCCTGGTATACCTTGAAAGGCTCTTGACATATGCAGAGATTGACATTTGCCAGCC  
AATTGGAAGCGCATTGTTCTAGGAGCTATCCTGCTGGCCTCAAGGTGTGGATGACCAGGCTGTGGA  
ATGTGGACTACTGCCAGATCCTGAAAGACATCACAGTGGAGGACATGAATGAACTGGAACGCCAGTTCCT  
TGAATTGCTACAGTTTAAACATCAATGTTCTTCCAGTGTGTATGCCAAGTATTATTTGATCTGCGTCT  
CTGGCAGAAGCAAACAGCCTGAGCTTCTCTGGAGCCCTGAGCAGGGAGCGTGCACCAAGCTGGAGG  
CCATCTCTCGTCTCTGTGAGGACAAGTACAAGGACCTCAGAAAACCCATGAGGAAGCGTTTACGAAGTGC  
TGACAACCTGATTCTGCCTCGGTGGTCCCAGCCATCATCTCC

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216416 representing NM\_001191833  
 Red=Cloning site Green=Tags(s)

MGNTTSCCVSSPKLRRNAHSRLESYRPDTDL SREDTGCNLQHISDRENIDDLNMEFNPSDHPRASTIFL  
 SKSQTDVREKRKSLFINHHPPGQTSRKYSSCSTIFLDDSTVSQPNLKYYTKCVLAIYYHIKNRDPDGRM  
 LLDIFDENLHPLSKSEVPPDYDKHNPEQKQIYRFVRTLFSAAQLTAECAIVTLVYLERLLTYAEIDICPA  
 NWKRIVLGAILLASKVWDDQAVNVVDYQCILKIDITVEDMNELERQFLELLQFNINVPSSVYAKYYFDLRS  
 LAEANLSFPLEPLSRERAHKLEAISRLCEDKYKDLRKP MRKRSASADNLILPRWSPAIIIS

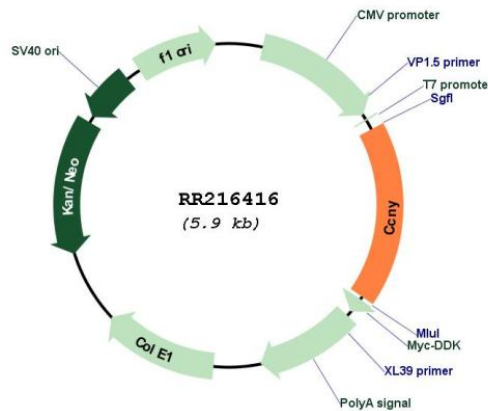
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001191833

**ORF Size:** 1023 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001191833.1</a> , <a href="#">NP_001178762.1</a>
<b>RefSeq Size:</b>	1456 bp
<b>RefSeq ORF:</b>	1026 bp
<b>Locus ID:</b>	361261
<b>Cytogenetics:</b>	17q12.1
<b>MW:</b>	39.4 kDa