

## Product datasheet for **RR207911**

### Cnpy3 (NM\_001134710) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Cnpy3 (NM\_001134710) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Cnpy3  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >RR207911 representing NM\_001134710  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGTCCATGTCTGAGCTCGCGCCCCGCTGCCTCCTGCTTCTCTTGCTGCTGCTGCCGCTGCTGCTCC  
TCCCTGCCCGAAGCTGGGCCGAGCTCCGCCGGGGCCGAGGAGACCGACTGGGTGCGATTGCCAGCAA  
ATGCGAAGTGTGCAAGTATGTTGCCGTGGAGCTGAAGTCAGCTTTTGAGGAAACAGGGAAGCAAGGAA  
GTGATTGACACAGGCTACGGCATTCTGGACCGAAGGCCTCTGGAGTCAAGTACACCAAGTCGGACTTAC  
GGTTAATTGAAGTCACTGAGACCATATGCAAGAGGCTTCTGGACTACAGCCTGCACAAGGAGAGGACTGG  
CAGCAACCGGTTTGCCAAGGGTATGTCGGAGACCTTTGAGACTCTGCACAACCTAGTCCACAAGGGGTC  
AAGGTGGTGATGGACATCCCCTACGAGCTGTGGAATGAGACCTCAGCTGAAGTGGCTGACCTCAAGAAGC  
AGTGTGATGTGCTGGTGGAGGAATTTGAAGAGGTGATCGAGGACTGGTACAGGAACCACCAGGAGGAAGA  
CCTCACTCAGTTCCTGTGTGCCAACATGTGCTGAAGGGCAAGGACACCAGTTGCCTGGCAGAGCGGTGG  
TCTGGCAAGAAGGGGACATAGCCTCCCTGGGAGGGAAGAAATCCAAGAAGAAGCGCGCAGGGTCAAGG  
GTTCCAGTGGCGGTGGCGCGGCAGCAAGCAGAGGAAGGAACTGGGGAGCCTGGAGGAGGACGCCAACCC  
AGACGAGGAGGGCGTGCAGAAGGCGTCTCCCTTCCACACAGCCCCCTGACGAGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR207911 representing NM\_001134710  
Red=Cloning site Green=Tags(s)

MESMSELAPRCLLLLLLLLLPLLLLPAKLGPSAGAEETDWRVLPKCEVCKYVAVELKSAFEETGKTKE  
 VIDTGYGILDRKASGVKYTKSDLRLIEVTETICKRLLDYSLHKERTGSNRFKGMSETFETLHNLVHKGV  
 KVVMDIPYELWNETSAEVADLKKQCDVLVEEFEEVIEDWYRNHQEEDLTQFLCANHVLLKGDTSCLAERW  
 SGKKGDIASLGGKSKKKRGRVKGSSGGGGGSKQRKELGSLEEDANPDEEGVQKASPLPHSPPDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001134710

**ORF Size:** 828 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\\_001134710.1](#), [NP\\_001128182.1](#)

**RefSeq Size:** 1814 bp

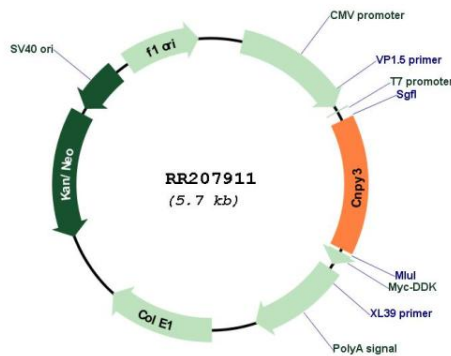
**RefSeq ORF:** 831 bp

**Locus ID:** 685174

**Cytogenetics:** 9q12

**MW:** 30.6 kDa

**Product images:**



Circular map for RR207911