

## Product datasheet for **RN206205**

### Camkv (NM\_024000) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Camkv (NM_024000) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Camkv
Synonyms:	1G5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN206205 representing NM\_024000  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCGTTTGGTTGTGTGACTCTGGGTGACAAGAAGAACTATAACCAGCCATCGGAAGTACTGACAGAT  
 ATGATTTGGGACAAGTCGTCAAGACCGAGGAGTTTTGTGAAATCTCCGGGCAAGGACAAGACAACAGG  
 CAAGCTGCATACCTGCAAGAAATTCAGAAAGCGTGATGGCCGCAAGGTTCCGGAAGCAGCCAAGAACGAG  
 ATTGGAATCCTGAAGATGGTAAAGCACCCCAACATCCTGCAGCTGGTAGATGTGTTTGTGACCCGCAAAG  
 AATACTTCATCTTTCTGGAGCTGGCCACGGGGAGGGAGGTGTTTGACTGGATCCTGGACCAGGGCTACTA  
 CTCGGAGCGAGACAGCAACGTGGTGCAGGCTCCTGGAGGCTGTGGCTACTTGCCTCTCTCAAG  
 ATTGTGCACAGGAACCTCAAGCTAGAAAACCTAGTGTACTACAACAGGCTAAAGAAGCTCAAAGATTGTCA  
 TCAGTGACTTTACCTGGCTAAGCTAGAGAACGGTCTTATCAAGGAGCCCTGTGGAACCGCCGGAGTATCT  
 GGCACCGGAAGTGGTAGGACGGCAACGGTATGGACGCTCCTGTGGATTGTTGGGCCATTGGTGTATCATG  
 TATATCCTGCTTTACGGCAACCCGCCCTTCTATGAGGAGGTAGAAGAAGTACTATGAGAACCATGATA  
 AGAATCTCTCCGCAAGATCCTCGCCGGTACTATGAGTTTGACTCTCCGTAAGGATGATATTTCTCA  
 AGCAGCCAAAGACCTGGTCACAAGGCTGATGGAGTGGAGCAAGACCAGCGGATCACCGCCGAAGAGGCC  
 ATCTCCCATGAATGGATTTCTGGCAATGCAGCTTCTGATAAGAACATCAAGGATGGCGTCTGTGCCCAGA  
 TCGAGAAGAACTTTGCCAGAGCCAAGTGGAAAGAAGGCCGTCAGTGACCACTCTCATGAAGCGGCTCCG  
 GGCACAGAGCAGTCTGGAACGGCTGCTACTTCAGATGCTGCCACTCCCGGGGCTGCTGGTGGGGCCGTC  
 GCTGCAGCTGCAGGTGGAGCTGCCCCAGCCTCTGGAGCCAGTGTACTGTAGGCACAGGGGGTGTGCTG  
 GGTGTGCAGCCAAGAGCGATGACATGGCCTCTGCAGATCGTAGTCCACCCAGCCACAGATGGGAGT  
 CACCCAGCCACAGATGGCAGTGTACCCAGCCACTGACGGGAGCATCACCCAGCCACTGATGGGAGT  
 GCACTCCAGCTACTGACAGGAGTGTACACCAGCTACTGATGGGAGAGCCACACCAGCCACAGAAGAGA  
 GCACAGTGCCCGCGCTCAAAGCAGTGCCGCGCCAGCTGCAAAGGCAGCAGCCACCCCTGAGCCGGCTGT  
 GGCCAGCCGGACAGCACAGCCCTAGAGGGTGCCACAGGCCAGGCTCCACCCTCTAGTAAAGGAGAAGAG  
 GCTACTGGCTGTGCCAGGAGTCTCAGAGGGTGGAGACAAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_024000

**Insert Size:** 1515 bp

**OTI Disclaimer:** 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).

**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\\_024000.1](#), [NP\\_076490.1](#)

**RefSeq Size:** 3655 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 79011

**UniProt ID:** [Q63092](#)

**Cytogenetics:** 8q32

**Gene Summary:** Has no detectable kinase activity in vitro.[UniProtKB/Swiss-Prot Function]