

## Product datasheet for **RN211057**

### **Cdk17 (NM\_001108082) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cdk17 (NM_001108082) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdk17
Synonyms:	Pctaire2; Pctk2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN211057 representing NM\_001108082  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAAAGTTTAAAGAGGAGACTGTCCCTCAGCCTCAGGGGAAGCCAGACTATTGATGAGTCCCTGTCCG  
 AGCTGGCTGAACAGATGACCATAGAGGAGAGCAGTAGCAAAGACAACGAGCCATTGTGAAGAATGGCAG  
 GCCGCCAACGTCTCACAGCATGCATTCTTCTCCATCAGTACACAGGGTCTTCAAGAAGCCCCACTG  
 CGAAGACCCACAGCGTTATTGGAGGAAGCCTTGGTTCCTTTATGGCAATGCCAGAAATGGAAGCAGAT  
 TAGATATTGTTTCATGAAAATCTGAAAATGGGATCAGATGGTGAGAGTGACCAAGCTTCTGGGACATCATC  
 TGATGAAGTCCAGTCCCCTACAGGTGTTTGCCTCAGAAATCGTATACATAGACGGATCTCGATGGAGGAC  
 TTGAATAAGCGGCTGTCGCTGCCTGCAGACATCAGGATACCCGATGGCTACCTGGAGAAGCTGCAGATCA  
 GCAGCCCGCCCTTCGACCAGCCCATGAGCCGAGGTCCCGCAGAGCCTCCTTATCAGAAATGGGTTTGG  
 GAAAATGGAACCTACATCAAATTTGAAAAGCTTGGAGAGGGCACATATGCAACGGTATATAAAGGGAGA  
 AGTAAGTTGACAGAGAAGCTTGGTGGCATTAAAAGAGATCCGCTTGAACACGAAGAAGGTGCACCCGTGA  
 CAGCTATAAGAGAAGTTTCACTGTTAAAGGACTTAAAACATGCAATATAGTAACGTTGCATGACATCGT  
 TCACACGGACAAGTCTTTGACTCTGGTCTTTGAGTACCTGGACAAAGACCTGAAGCAGTACATGGACGAC  
 TGTGGGAGCATCATGAGCATGCACAACGTCAAGCTGTTCTGTACCAGATTCTCCGTGGTTTGGCATATT  
 GCCATAGAAGAAAAGTGTTCACCCGGGACCTGAAACCACAGAACCTCCTCATTAAATGAAAGAGGAGAAGT  
 AAAGCTGGCTGACTTTGGACTAGCCAGAGCCAAGTCAGTCCCCACCAAGACCTACTCAAATGAAGTTGTC  
 ACGCTGTGGTATCGGCCCCCTGACGTGCTTCTTGGTTCCTCGGAGTACTCAACTCAGATCGCATGTGGG  
 GAGTTGGCTGCATTTTCTTTGAAATGGCTTCTGGAAGACCCTGTTCCAGGGTCAACTGTGGAAGATGA  
 ACTGCACTTAATATTTGACTACTAGGAACTCCATCTCAGGAACTTGGCCAGGTGTTTCTTCAAATGAT  
 GAATTCAGAAGTACAACCTCCCAAATATAAGCCACAACCTCTAATTAATCATGCACCCAGGTTAGATT  
 CTGAAGGAATTGAGTTGATAACAAAGTTTCTTTCAGTATGAATCTAAGAAAAGGGCTCCAGCAGAAGAGGC  
 CATGAAACATGTGTAATCCGAAGTCTAGGGCCGAGAATACATGCTTTACCAGAAAGCGTATCAATATTC  
 AGTTTGAAGAGATTGAGTTGCAAAAGGACCCGGGTTTTCGAAATTTCTCCTATCCAGAGACAGGACATG  
 GGAAGAACAGAAGACAGAGCATGCTCTTT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001108082
- Insert Size:** 1572 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\\_001108082.2](#), [NP\\_001101552.2](#)

**RefSeq Size:** 3670 bp

**RefSeq ORF:** 1572 bp

**Locus ID:** 314743

**Cytogenetics:** 7q13