

## Product datasheet for **RN210794**

### **Pcna (NM\_022381) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Pcna (NM\_022381) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Pcna  
**Synonyms:** Pcna/cyclin; PCNAR  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN210794 representing NM\_022381  
Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**  
**GCCC**

ATGTTTGAGGCACGCCTGATCCAGGGCTCCATCCTGAAGAAGGTGCTGGAGGCCCTCAAAGACCTCATCA  
ATGAGGCCTGCTGGGACATCAGTTCGGGCGCGTGAACCTACAGAGCATGGATTCGTCTCACGTCTCCTT  
AGTGCAGCTTACTCTGCGCTCCGAAGGCTTCGACACATACCGCTGCGATCGCAACCTGGCCATGGGCGTG  
AACCTCACCAGCATGTCCAAAATTCTAAAATGTGCTGGTAATGAAGACATCATTACATTAAGGGCTGAAG  
ATAATGCTGATACCTTAGCACTAGTATTTGAAGCACCAAAATCAAGAGAAAAGTTTCAGACTATGAGATGAA  
GTTAATGGACTTAGACGTTGAGCAACTTGGAAATCCCAGAACAGGAGTACAGCTGCGTAGTAAAGATGCCA  
TCTGGTGAATTTGCACGTATATGCCGGGACCTTAGCCATATTGGAGATGCTGTGGTGATCTCCTGTGCAA  
AGGACGGGGTGAAGTTTCTGCGAGTGGGAGCTTGGCAATGGGAACATTAAGTTGTCCCAGACAAGCAA  
TGTTGATAAAGAAGAGGAAGCTGTGTCCATAGAGATGAATGAGCCAGTTCAGCTAACTTTTGCTCTGAGG  
TACCTGAACTTTTACAAAAGCCACTCCACTGTCTCCTACAGTAACACTCAGTATGTCTGCAGATGTAC  
CCCTTGTGTAGAGTATAAAATTGCTGACATGGGACACTTAAAGTATTATTTGGCTCCCAAGATCGAAGA  
TGAAGAAGGATCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Ascl-MluI  
**ACCN:** NM\_022381  
**Insert Size:** 786 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_022381.3</a> , <a href="#">NP_071776.1</a>
<b>RefSeq Size:</b>	1160 bp
<b>RefSeq ORF:</b>	786 bp
<b>Locus ID:</b>	25737
<b>UniProt ID:</b>	<a href="#">P04961</a>
<b>Cytogenetics:</b>	3q36
<b>Gene Summary:</b>	cell cycle protein that may contribute to the repair of DNA damage and to cell proliferation caused by exposure to pulmonary toxicants; may influence cell survival in ischaemically compromised tissue [RGD, Feb 2006]