

## Product datasheet for **RN216371**

### **Cyc1 (NM\_001277194) Rat Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cyc1 (NM\_001277194) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cyc1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >RN216371 representing NM\_001277194  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCGGGCGGGCGGGCTTCGCTTCGCCGATCGGTGCTAGGCCCGGGGCATGGGGCTTCCAGGTG  
 CAAGTGTCCGGGCTGCTGGCGGGCGCGGGCCCGGCATCTCCATTACGGACACCGCAGGCAGTGTG  
 CTTGTCCCTCGAAGTCTGGCCCTTCTCGAGGCCGAAAGGTGATGCTGTGAGCGTTGGGCATGCTGGCAGCA  
 GGGGTGCAGGGCTAGCTGTGGCCCTTTCATTGCGCGGTGAGTGCCAGTGACCTGGAGCTGCACCCCCCA  
 GCTACCCATGGTCTCACCGTGGCTCCTCCTCCTTGACCACACAGCATTGTAAGGGTTTCCAGGT  
 ATACAAGCAGGTGTGCTTCTGCCACAGCATGGATTATGTGGCTTACCACCACCTGGTGGGAGTGTGC  
 TACACGGAGGAAGAAGCTAAGGCCTGGCTGAGGAGGTGGAGGTCCAGGATGGCCCTAATGAGGATGGGA  
 ATATGTTTCATGCGGCCAGGGAAGCTGTCTGACTATTTTCCAAAACCATACCCCAACCCTGAGGCTGCAAG  
 AGCTGCTAACAAATGGAGCTTTACCCCTGACCTCAGCTACATCGTTCGAGCAAGGCACGGTGGTGGAGC  
 TATGTGTTTTCTTGCTCACTGGCTACTGTGAACCTCCACTGGGGTGTGATTGCGAGAAGGCCTCTATT  
 TCAACCCTTACTTCTTGCCAGGCCATTGGCATGGCTCCTCCATCTACACAGAAGTCTTGGAGTATGA  
 CGATGGTACCCAGCTACCATGTCACAAGTAGCCAAGGATGTTGCCACCTTCTTCGCTGGGCATCAGAG  
 CCAGAGCATGACCATCGAAAACGCATGGGACTCAAGATGTTGTTGATGATGGGCTTGTGCTGCCCTGA  
 CCTATGCCATGAAGCGGCATAAGTGGTCAGTCCCTGAAGAGTCGAAAGCTGGCTTATCGGCCACCCAAGT  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001277194



[View online »](#)

<b>Insert Size:</b>	981 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>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u>NM_001277194.1, NP_001264123.1</u>
<b>RefSeq Size:</b>	1195 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	300047
<b>Cytogenetics:</b>	7q34