

## Product datasheet for **RN207788**

### **Cyc1 (NM\_001130491) Rat Untagged Clone**

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Cyc1 (NM\_001130491) 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: >RN207788 representing NM\_001130491  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCGGGCGGGCGGGCTTCGCTTCGCCGATCGGTGCTAGGCCCGGGGCATGGGGCTTCCAGGTG  
 CAAGTGCTCCGGGCTGCTGGGCGGCGCGGCCCGGCATCTTCCATTACGGACACCGCAGGCAGTGTC  
 CTTGTCTCGAAGTCTGGCCCTTCTCGAGGCCGAAAGGTGATGCTGTGAGCGTTGGGCATGCTGGCAGCA  
 GGGGTGCAGGGCTAGCTGTGGCCCTTCAATTCGGCGGTGAGTGCCAGTGACCTGGAGCTGCACCCCCCA  
 GCTACCCATGGTCTCACCGTGGCTCCTCCTCCTTGACCACACCAGCATTCTAGGGGTTTCCAGGT  
 ATACAAGCAGGAAGCTGTCTGACTATTTTCCAAAACCATACCCCAACCTGAGGCTGCAAGAGCTGCTA  
 ACAATGGAGCTTTACCCCTGACCTCAGCTACATCGTTTCGAGCAAGGCACGGTGGTGAGGACTATGTGT  
 TTCCTTGCTCACTGGCTACTGTGAACCTCCCACTGGGGTGTATTGCGAGAAGGCCTCTATTTCAACCT  
 TACTTTCTGGCCAGGCCATTGGCATGGCTCCTCCCATCTACACAGAAGTCTTGAGTATGACGATGGTA  
 CCCCAGCTACCATGTCACAAG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI  
 ACCN: NM\_001130491  
 Insert Size: 654 bp



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<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>	<u><a href="#">NM_001130491.1</a></u> , <u><a href="#">NP_001123963.1</a></u>
<b>RefSeq Size:</b>	1055 bp
<b>RefSeq ORF:</b>	654 bp
<b>Locus ID:</b>	300047
<b>Cytogenetics:</b>	7q34