

## Product datasheet for **RR207788**

### Cyc1 (NM\_001130491) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Cyc1 (NM\_001130491) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Cyc1  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RR207788 representing NM\_001130491  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCGGCGGGCGGGCGGGCTTCGCTTCGCCGATCGGTGCTAGGCCCGGGGCATGGGGCTTCCAGGTG  
 CAAGTGCTCCGGGCTGCTGGCGGGCGCGGGCCCGGCATCTCCATTACGGACACCGCAGGCAGTGTC  
 CTTGTCTCGAAGTCTGGCCCTTCTCGAGGCCGAAAGGTGATGCTGTGAGCGTTGGGCATGCTGGCAGCA  
 GGGGTGCAGGGCTAGCTGTGGCCCTTTCATTGCGCGGTGAGTGCCAGTGACCTGGAGCTGCACCCCCCA  
 GCTACCCATGGTCTCACCGTGGCCTCCTCCTCCTTGGACCACACAGCATTGAGGGGTTCCAGGT  
 ATACAAGCAGGAAGCTGTGACTATTTTCCAAAACCATACCCCAACCTGAGGCTGCAAGAGCTGCTA  
 ACAATGGAGCTTTACCCCTGACCTCAGCTACATCGTTGAGCAAGGCACGGTGGTGAGGACTATGTGT  
 TTCCTTGCTCACTGGCTACTGTGAACCTCCCACTGGGGTGTATTGCGAGAAGGCCTCTATTTCAACCT  
 TACTTTCTGGCCAGGCCATTGGCATGGCTCCTCCCATCTACACAGAAGTCTTGGAGTATGACGATGGTA  
 CCCCAGCTACCATGTCACAAG

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR207788 representing NM\_001130491  
 Red=Cloning site Green=Tags(s)

MAAAAAASLRRSVLGPGRMGLPGASAPGLLGGARPRHLPLRTPQAVSLSSKSGPSRGRKVMLSALGMLAA  
 GGAGLAVALHSVVSADLELHPPSYPSHRGLLSSLDHTSIRRGFQVYKQGSCLTIFQNHPTLRLQELL  
 TMELYPLTSATSFEGTVVVTMCFPCSLATVNLPLGCHCEKASISTLTFLARPLAWLLPSTQKSWSMTMV  
 PQLPCHK

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



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**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001130491

**ORF Size:** 651 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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\\_001130491.1](#), [NP\\_001123963.1](#)

**RefSeq Size:** 1055 bp

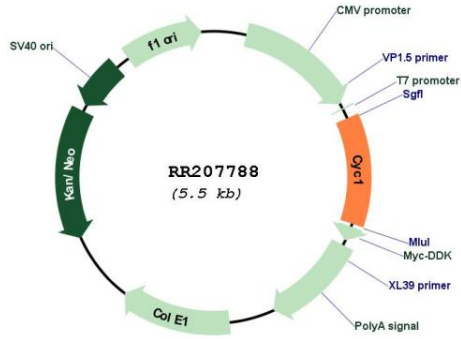
**RefSeq ORF:** 654 bp

**Locus ID:** 300047

**Cytogenetics:** 7q34

MW: 23 kDa

Product images:



Circular map for RR207788