

Product datasheet for **MC211571**

Cylc2 (NM_001162865) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cylc2 (NM_001162865) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cylc2
Synonyms:	4930488P18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC211571 representing NM_001162865
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTATACCAAGATTCCTAAAAGTAACATATGGAGCATACGATAATTACATTCAGTCAGTGAGTTAA
 GCAAAAAATCATGGAATCAGCAACTTTTCCCTGGCATTCCCAAACCAAGGCCAGGAAAAAACG
 GAGATCACTACCTTCCCAGTTACAGAACAATACAGCTCCTGTAATTGATGAAGAAAAATTAGGAGTTCAC
 AGACCACCATTATGGATGCACCGTTCCTGATGAGAATATCCGAGAGACCATCCGTTTATTTAGCTGCCA
 GGAAGGGCCTTATACCAAACCCTTCATTTGGCAAGGGAGAGTCGAAAAGCGTGGGCACACACAAGTC
 TTTGGCTTCAGAAAAACAAGAAAGAAGTAAAAATGAAAAAGATGGATTTGAAGCAAAAGAGAAGACA
 GCGTTAAAGACAGACAAGGAGGGAAGTCCCAAACCAAGTAAAAAGAACATTCCAAGGGATTCACAAAAGG
 ACAAGGGAAGAGTATCTCAGATTCTGAAGGCCAAAAGGCTGGTGTGAAGAAGGGATCCAAGAAAGTTAA
 AAATACACCTAAGGGTAAAGATTCAGCCTCAGAATCTGAGGGTAAAAGGCTGGATCCAAGAAGGAAGCC
 AAGACCACTAAAAAGGATCCAAGGATAAAGTGTAGCCACAGAATCTGGAGGTAAAAGGCTGGTTCGA
 AGAAGGAAGCCAAGGCCACTAAAAAGGATCCAAGGATAAAGTGTAGCCACAGAATCTGGAGGTAAAA
 GGCTGGTTCGAAGAAGGAAGCCAAGACCACTAAAAAGAAATCCAAGGATAAAGTGTAGCCACAGAATCT
 GGAGGTAAAAGGCTGGTTCGAAGAAGGAAGCCAAGGATGATAAAAAAGATGCAACGAGCTCACAAGAAA
 CACTTTTAAAGTACAGCAGCTGACAAAGATGGCAAAAAGAAGGAAGAAAAACCAGTTAAACAGAGTTCAA
 AAGCAAAGATACGGTTAAAGATCTGCAAGTAAAAGGGAGATGAAAAGAAAGAGGACAAGAAGGAAGGG
 AAAAAGGAGAAGAAAAAGAAAGATGGAGAAGGAAAAGAGGGTGGTAAAGAAAGAGAAGAAAGACAAGAAGG
 ACAAGAAAGACAAGAAAGGACAAGAAGGACAAGAAAGACAAGAAAGAAAAGACAAGAAGAAAGAA
 CAAGAAAGATAAGAAAGATAAGAAAGATAAGAAAGATAAGAAAGACAAGAAAGACAAGAAAGACAAGAAA
 GCAAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001162865

Insert Size: 1269 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_001162865.1](#), [NP_001156337.1](#)

RefSeq Size: 1297 bp
RefSeq ORF: 1269 bp
Locus ID: 74914
Cytogenetics: 4 B1