

## Product datasheet for MC202833

### Cycs (NM\_007808) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cycs (NM\_007808) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cycs  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >BC034363 sequence for NM\_007808

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GTCTTCGAGTCCGAACGTTCTGGTGTGACCAGCCCGGAACGAATTAATAATGGGTGATGTTGAAAAAG
GCAAGAAGATTTTGTTCAGAAGTGTGCCAGTGCCACACTGTGGAAAAGGGAGGCAAGCATAAGACTGG
ACCAAATCTCCACGGTCTGTTCCGGCGGAAGACAGGCCAGGCTGCTGGATTCTCTTACACAGATGCCAAC
AAGAACAAGGCATCACCTGGGGAGAGGATACCCTGATGGAGATTTGGAGAATCCCAAAAAGTACATCC
CTGGAACAAAAATGATCTTCGCTGGAATTAAGAAGAAGGGAGAAAAGGGCAGACCTAATAGCTTATCTTAA
AAAGGCTACTAATGAGTAATCCACTGCCTTATTTATTACAAAACAAATGTCTCATGGCTTTTAAATGTAC
ACCATAATTTAATTCACACACCAAATTCAGATCATGAATGGCTAGCAATGTTTTTGTGGACAGTCCCTGA
TTTAAGTAAAAGTACTGCTGTCATAAAGTGGGTACGGTCTTTATTAAGCAACAGTTCAGTTGTATACAT
GCTACCACGGCTCTCCCTTTCTCAAGATAAGATTGGACTTAATTAGCAATGTTTTACTTTCCATAAATAG
GGCATTGTCACCTCAAACCTACTAAATGGTTTTATACTTAGATTTATATACTGGGCATATGAATATGCT
TAAACACTGGGAAAATTCTATCACTGTCTCAGAAACAAGAAGACTCAAATGTGTTTCAGTTTGTGTTTCCAC
TGGCCTCTTTCAGGTCATGGCTAACCACCAGGAGGCAACTGTCTATTCTTGACAGTGCAGTTTTAATTAG
AATTCCTACATCAAGGATGTTGCTTTTACTATTGAAAGGCATTTACTGTGGTTTATGTATGATATCAA
ATAAAGAGTATTTAACACTTCTTTATAGTTGATCTGCAAATTAATAATGCTTTTAGAAACAAGCAAGTTAG
GCCTTTTAAATCTCTATTTTCTAAGACTAAGTTGTAATCAGAATTGCCTTAAATACCCACTCAGAAA
CACACATAACTGGAATTCGATTAGGAATGGCACTTTTGCTAACTACTAGATGGAAAGATGGAAATAAA
GGAAATAGTTTGTATCAGCAGAAAAGAAGATAATTAACAACACAGATTGTGAAAAAAAAAAAAAAAAAAAA

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**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_007808  
**Insert Size:** 318 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).



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<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="#">BC034363</a> , <a href="#">AAH34363</a>
<b>RefSeq Size:</b>	1189 bp
<b>RefSeq ORF:</b>	318 bp
<b>Locus ID:</b>	13063
<b>UniProt ID:</b>	<a href="#">P62897</a>
<b>Cytogenetics:</b>	6 24.32 cM
<b>Gene Summary:</b>	Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.[UniProtKB/Swiss-Prot Function]