

## Product datasheet for **MC206486**

### **Cyc1 (BC005620) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyc1 (BC005620) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyc1
Synonyms:	2610002H19Rik; AA408921; Cyct1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC005620, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGGCGGCGGCTTCGCTTCGCCGGACGGTACTGGGCCCGCGGGCGTGGGGCTCCAGGTGCAA
GTGCTCCGGGTCTGCTGGGCGGCGCGGTCGCCGAGCTTCCATTGCGGACACCGCAGGCAGTGTCTT
GTCCTCGAAGTCTGGCCCTTCTCGAGGCCGAAAGGTGATGCTGTCAGCGTTGGGCATGCTGGCCGCGGG
GGTGCAGGGCTAGCTGTGGCCCTTATTCTGCCGTGAGTGCCAGTGACCTGGAGCTGCACCCCCCAGCT
ACCCATGGTCTCATCGTGGCCCTCTCTCTCTTGGACCACACCAGCATTTCGGAGGGTTTCCAGGTATA
CAAGCAGGTGTGCTCTTCTGCCACAGCATGGATTATGTGGCGTACCGCCACCTGGTGGGAGTGTGCTAC
ACGGAGGAAGAAGCCAAGGCGCTGGCTGAGGAGGTGGAGGTCCAGGATGGCCCTAATGATGATGGGGAGA
TGTTTCATGCGGCCAGGGAAGTTGTCTGACTATTTTCCAAAACCATACCCTAACCCCTGAGGCTGCAAGAGC
TGCTAACAAATGGAGCTTTACCCCTGACCTCAGCTACATCGTTTCGAGCTAGGCATGGTGGTGGAGACTAC
GTATTTTCCCTGCTCACTGGCTACTGTGAGCCCCCCTAGGGGTGTCATTGCGAGAAGGCCTCTATTTCA
ACCCTTACTTTCCCGCCAGGCCATTGGCATGGCTCCTCCCATCTACACAGAAGTCTTGGAGTATGATGA
TGGCACCCAGCTACCATGTGACAAGTAGCTAAGGATGTGCCACCTTCTTCGTTGGGCATCAGAACCA
GAGCATGACCATCGAAAACGCATGGGTCTCAAGATGTTGTTGATGATGGGCCTGCTGCTGCCCTGACCT
ATGCCATGAAGCGGCATAAGTGGTCAGTCTGAAGAGTCGAAAGCTGGCTTATCGGCCACCCAAGTGA
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Restriction Sites:	EcoRI-NotI
ACCN:	BC005620
Insert Size:	978 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>	<a href="#">BC005620</a> , <a href="#">AAH05620</a>
<b>RefSeq Size:</b>	1204 bp
<b>RefSeq ORF:</b>	978 bp
<b>Locus ID:</b>	66445
<b>Cytogenetics:</b>	15 D3
<b>Gene Summary:</b>	This is the heme-containing component of the cytochrome b-c1 complex, which accepts electrons from Rieske protein and transfers electrons to cytochrome c in the mitochondrial respiratory chain.[UniProtKB/Swiss-Prot Function]