

## Product datasheet for MC206603

### Coq9 (BC036386) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Coq9 (BC036386) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Coq9  
**Synonyms:** 2310005O14Rik; C78387  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC036386  
 CCAAGATGGCGGCAGACAGCAGCCGTGTCTGGTGTCTCGGCCGCTGGGGTGGAGGCTCCTGCAGCTGCC  
 GTGCCTGCCCGTGGCCCGCTGCCGACCAGCTCTGGTGCCACGTGCCTTCCACACTGCCGTGGGGTCCGG  
 TCTTCAGAAGAGCAGAAGCAGCAGCCTCCCACTTCTTCTCAGCAGCATTCTGAGACACAGGGGCCCG  
 AGTTTTCCCGTCCACCCCAAGTACACAGACCAGAGTGAGAGGAGGAAGAGGACTATGAGAGTGAGGA  
 GCAGCTACAGCACCAGCATCTTGACAGCAGCCCTAGAGTTTGTGCCTGCCATGGCTGGACTGCAGAGGCC  
 ATTGCCGAAGGAGCCAGTCTTGGGTCTCTCCAGCGCAGCAGCCAGCATGTTTGGGAGCGATGGCAGTG  
 AGCTGATTCTTCACTTTGTGACCCAGTGAATGCTCGCTCAACCAGGTGCTGGAAGAGGAGCAGAAGCT  
 GGTGCAACTGGGCCAGGCAGAGAAGAGGAAGACAGACCAGTTCTGAGGGATGCAGTGGAACCAGACTG  
 AGAATGCTGATCCCCTACATTGAGCACTGGCCCCGGGCCCTCAGCATCCTCTGCTCCCTACAACATCC  
 CACCCAGCCTGAACCTTGCTCACCAGCATGGTGGATGACATGTGGCATTACGCTGGGGACCAGTCCACTGA  
 CTTAACTGGTACACCCCGCGTGCAGTGTGGCTGGCATCTACAACACAAGAGCTGGTATGATGCAG  
 GATTCTCCCCAGACTTTGAAGATACTTGGCGCTTCTGGAAAACCGGATTAATGATGCAATGAACATGG  
 GCCACACGGCTAAGCAGGTGAAGTCCACGGGAGAGGCACTGGTGAAGGACTGATGGGTGCAGCGGTAC  
 GCTCAAGAACCTGACGGGTCTAACCAGCGTCGGTGAGAGAAGGGAACCCGTGTGCTGGGAGGAGCAGCA  
 GTAGATATGAAGGGCTTTGACAAGATGTGCCACCCATTGAACAGGATGTTAATGAGAACACACTGAAGAA  
 CTTGGAGTCGATGACAGCCACAAGGCTGGAAATCACAATGCACTTGCTGCCGTTCTGACCTGGAAGTGG  
 GCCACTTCTTCAGTTCTAATGCCAGGCCTGGCCTCCTGATGCCTTTTGCATTGCAGCTGTGTGTTTGA  
 AACTGAGGCTCACATCCAAGTTTCAAACCACAAAACCTTGGCATGACTGCCCATGGTGCACAGGCAT  
 CTTGATCATGTCTTGACCATAGAATTGCTCTCTAGGAGCTGGGCATGGTGACCTACGCTCTGTATTCTCAG  
 CACTCAGGAGACTGCTACAGCAAGATTGAGAGATCAGAGGCAGGCTTGTCTTTGTAGAGAATTACAAGCC  
 TGCTTGAGCTACAGAGTGTGATCCTGTCAAATCCCCTGAGAAATATTCTTAGGGGCTCACAAACCAAGT  
 CCGGAGGCAACACATAGTGGGAGCTCTTCCCAGCACAGGGCAGACAGTGTGCACAAACATTTGCCACTG  
 GCCATTGCCTCTGGATCCCCTCAGAAAGCTGCCTCCCCTAGGCAGGTGCCTTTTGGACAGTCGTGCTGAG  
 CCTGGCATCACAGACACCAGCATGCACTTCAGGATCATTAGTGTATTTAGAATCTGTAAAAATAATAAAT  
 ATGTTTGAACAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	EcoRI-NotI
<b>ACCN:</b>	BC036386
<b>Insert Size:</b>	942 bp
<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="#">BC036386</a> , <a href="#">AAH36386</a>
<b>RefSeq Size:</b>	1717 bp
<b>RefSeq ORF:</b>	942 bp
<b>Locus ID:</b>	67914
<b>Cytogenetics:</b>	8 C5
<b>Gene Summary:</b>	Lipid-binding protein involved in the biosynthesis of coenzyme Q, also named ubiquinone, an essential lipid-soluble electron transporter for aerobic cellular respiration (PubMed:25339443). Binds a phospholipid of at least 10 carbons in each acyl group. May be required to present its bound-lipid to COQ7 (By similarity).[UniProtKB/Swiss-Prot Function]