

Product datasheet for **MC205025**

Coq5 (NM_026504) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coq5 (NM_026504) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Coq5
Synonyms:	1810014G04Rik; D5Ertd33e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052345
 GGTGCGCCGGGTGTACGATGGCGGCGCCAGGTGCTGCGTTCTATGGCGGTCTGCGGCCGCGGGTGGT
 GGCAGCCACGGGACACTGCAGGCTCCCGGGTGTATAGATCCTGGCCATGGGCCACGCTGGGAACGCG
 GTCCTTGTCCCAGGAGAAGCGAGCCGCGGAAACGCACTTCGGGTTTGAGACCGTGTGCGAAGGGGAGAAA
 GGAAGCAAAGTCTACCAGGTGTTTGAGAACGTGGCCAAGAAGTACGATCTGATGAATGACATGATGAGTC
 TCGGCATCCATCGAGCTTGAAGGATTTGCTTATCAGGAAGATGCACCCGCTGCCCGGACCCAGCTGCT
 CGACATGGCTGGAGGCACAGGTGACATTGCGTTCGGTTCCTTAGTTACGTTACGGCACAACATCAGAGG
 AGACAGAGGAGACAGCTAAGGACTCAGCAAAACCTATCCTGGGAAGAAATTGCCAAAAAGTACCAGAATG
 AAGAGGATTCTTGGGAGGTTCACTTGCCACGGTCTGTGACATCAACAGGAGATGCTAAAGTTGGGAA
 GCAGAAGGCCTTGGACCAAGGACACACAGCTGGACTGGCGTGGGTGCTGGGAGACGCTGAAGAACTGCC
 TTCGATGACGACAGCTTTGATGTTTACACCATTGCATTTGGGATCCGGAATGTCACACACATTGACCAGG
 CTCTCCAGGAAGCCCATCGGTCTAAAGCCAGGAGGCCGTTTCTGTCTGGAATTTGGCCAAGTAA
 TGACCCTCTCATATCCAGGCTTTATGATCTGTACAGCTCCAGGTCATCCCTGTCATTGGTGAGGTCATT
 GCAGGAGACTGGAAGTCTACCAATACCTTGTGAAAAGTATTCGGAAGTCCCAAATCAGGAGGACTTCA
 AGGACATGATTGAAGACGAGGCTTTCAGAGGGTACGTCAGGAACTGACTACAGGGATTGTGGCCAT
 TCACTCTGGCTCAAACCTAGCTCCTTTTCTACTGTGGCACACAGGCCAGTCATTTCTACTGAACCCCG
 GGGCCAGATCATCTCCCTGATGAGACAGTAGTGACCATTGCTCTCCTTACGGCCGTTAAGACTTTGG
 ATTAGCTCTCATTAGTAGCTGCCAGGCTGCTGAGGCCTTCTCCAGAAATGCTGGCCTGGTTTCTGCT
 GGACTCCAGCTAGAGGCTTAGCCGTGCAGTGTGGGAGTCAGGTAACCAGCACGATTGCAATTTCTAAG
 TTTGTTTATAGTTTCTTCCATGACAGATGTTTTCTAGAGGGTAAATGGGTCACTGGAACCAAGGAGAAT
 CTGAACCAGCTCTCAGACCAGATTGGAATCTAAGGTGGTCCACATCAGAACGCTGACAAATGTGGCACC
 CAGCGGTGAGCACCTCTGAGATCTGGGGTACAGCTCAGTGGAGCACATGCCTGGCCCGTGGAG
 GCCCTGGGTTTGGTGTCTCCGAGAAGCAAACAGAAGTAGGAACCTGTGAAGCAGTGAAGTTTACAATTTG
 GGTGTGGTTGTTACTCTTCTGGAAGAGGTGACACAGATATACGCCACCCTCGGCTCCTGGCACTTACA
 CGGTGTCTTACAACCTCTGTAACTCTTACTAGGGAACCAATGCCCCACACAAACACACACACAAAA
 CACACGCGTTGACATACATAAAAAGTTAAATAAGAATCACAAAAGTGCCATCTCAGCACTGCCACTGCTG
 AGCCAAGCCCGCAGAGCGAGTTCAGGCCAGGCGGACTGCATGTTGAGCTCATACTTCTTAGAGAAGC
 TAAAAAGAAAAAATAAGACTATGCATATAGCCAGTTCCTCCAGTCCAAGACCAGCCAGAGCCTG
 ATCTCATTGCCCTCCATTGTGATGTTAAGGATTTTCTGTGTATCTTGAACCTGACTAGGCTTTATAC
 AAACATTTGTTTAAAAAATATAATAAAGTAGGTTATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA A

Restriction Sites: Sfil-Sfil

ACCN: NM_026504

Insert Size: 984 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: [BC052345](#), [AAH52345](#)
RefSeq Size: 2031 bp
RefSeq ORF: 984 bp
Locus ID: 52064
UniProt ID: [Q9CXI0](#)
Cytogenetics: 5 56.03 cM
Gene Summary: Methyltransferase required for the conversion of 2-polyprenyl-6-methoxy-1,4-benzoquinol (DDMQH2) to 2-polyprenyl-3-methyl-6-methoxy-1,4-benzoquinol (DMQH2).[UniProtKB/Swiss-Prot Function]