

Product datasheet for **RN210591**

Coq3 (NM_019187) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Coq3 (NM_019187) Rat Untagged Clone
Tag: Tag Free
Symbol: Coq3
Synonyms: MGC156658
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210591 representing NM_019187
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCTTAGATCTTACAGGATAACGTTTTCTGTTGACCAGACTAAAACTTACAGGTCCTCTTGGG
AGAAATTATACAGTACTTCACAAACAGTTGACAGCAAGGAGGTCAAACCTTCCAGGCCCTGGCTCACTC
ATGGTGGGATGAGCAAGGGAAGTTGCGCCTCTTATTCTATGAATGACCTACGGGTGCCGTTTCATTAGA
GACAATCTTTGAAAACAAGTACTAATCATGATCCAGGAAAGCCTTTATCTGGGATGAAGATTCTCGACG
TTGGCTGTGGCGGTGGTTATTAAGTGAACCTCTAGGGAGACTGGGAGCTTCAGTTGTTGGAATCGATCC
TGTGGCTGAAAACATTAAGATAGCACAGCACCATAAATCATTGATCCAGTCTGGATAAGAGGATACAG
TACCGAGTGTGCTCCCTGGAGGAGACCTTGAATGAGAAATGACAGAGTGTGTTGATGCTGTCGTTGGCTTCTG
AAGTGGTCGAGCATGTGAACAACCTTGAATGTTACATACAGTGTCTATCAAGTATTGAAACCTGGTGG
CTCTTTATTACTACTACAGTGAACAAAACACAGCTGTCTATGTCTTGGGAATTGTTTTCTCAGAGCAA
ATTGCAGGCATTGTTCCAAAAGGCACTCATACGTGGGAGAAGTTGTTTACCTGAAAAGCTAGAAAAGCA
TCTTGGAAACAAATGGTCTGTGAGTTGAACTGTGGCAGGAATGGTCTATAACCCCTTCTCAGGTTACTG
GCATTGGACTGAAAATACCAGCCTTAACATGACAGCCCATGCTGTGAGAGCCAGGGCTCAGGAACACCTG
GAGCCTGCTGAGTCTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019187
Insert Size: 861 bp



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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:	<ol style="list-style-type: none">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_019187.1 , NP_062060.1
RefSeq Size:	1058 bp
RefSeq ORF:	861 bp
Locus ID:	29309
UniProt ID:	Q63159
Cytogenetics:	5q21
Gene Summary:	putative 3,4-dihydroxy-5-polyprenylbenzoate-MTase that may participate in the biosynthesis of ubiquinone (coenzyme Q) [RGD, Feb 2006]