

Product datasheet for **MC212874**

Coq3 (NM_172687) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Coq3 (NM_172687) Mouse Untagged Clone
Tag: Tag Free
Symbol: Coq3
Synonyms: 4732433J24; C77934
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212874 representing NM_172687
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTGGAGAGGTGGAAGGCTGGGCTCTCGTGGGGTTCGTCCTCGTGGAAACGCTAGGGTTGGGTGCCCA
GCGGGTCGCCAGCCTCTCGCTAACCTCACGGTCGGCTTACTCAGGGACGCAGCTCACTAGGAATCT
ACAGATTAAGCCGTGGGAACTCGGTGAACACGGGACCATGTGCTTAGATCTACAGGATGGCTCTCTCC
TGTTTGAGCAGAGTAAAACTTACAGGACCCCTTGAAGAGATTGTACAGTACTTACAAAACAACAGTTG
ACAGCAGGGAGGTCAAAAACCTCCAGGCCCTGGCTCACACGTGGTGGGATGAGTACGGAAAGTTTGCGCC
TCTTATTCTATGAATGACCTACGGGTGCCATTATTAGAGACAATCTTTGAAAACAAGTCTAGTAC
CATCCAGGAAAGCCTTTATCTGGGATGAAGATTCTTGACGTTGGCTGTGGCGGTGGGTTATTAAGTGAAC
CTCTAGGGAGACTGGGAGCTTCAAGTTGTTGGAATTGATCCCGTGGCTGAAAACATTAAGATAGCACAGCA
CCATAAGTCCCTTGATCCAGTCTGGATAAGAGGATACAGTACAAAGTGTGTTCCCTGGAGGAGGCCGTG
GATGAGAGCGCAGAGTGTGTTGATGCTGCTGGCTTCTGAAGTTGTGGAGCATGTGAGCCACCTGGAAA
TGTTCACTCCAGTCTGCTATCAAGTCTGAAACCCGGTGGCTCTTATTACTACAGTGAACAAAAC
ACAGCTGTCTATGCCTTGGGAATTGTTTTCGCAGAGCAAATTGCAGGCATTGTTCCAAAAGGCACATCAT
ACGTGGGAAAAGTTGTTTACCTGAAAAGCTAGAGAGTATCTTGAACCAAATGGTCTGTGAGTTGAAA
CTGTGGCAGGATTGGTCTATAATCCTTTCTCAGTTACTGGCATTGGAGTAAAAACCAGCCTTAACCTA
TGCAGCCCATGCTGTGAGATCCAGGGCTCAGGAGCACCAGGAGCCTGCTGAGTCTGCTTTAAAGGGGAA
ACAGGAGCACTCCATGCTAACACCTCCGGTAGCCCACTGACGGGAGGAGCAGAGGACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172687



Insert Size:	1113 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:	<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:	<u>NM_172687.1</u> , <u>NP_766275.1</u>
RefSeq Size:	2613 bp
RefSeq ORF:	1113 bp
Locus ID:	230027
UniProt ID:	<u>Q8BMS4</u>
Cytogenetics:	4 9.11 cM
Gene Summary:	O-methyltransferase that catalyzes the 2 O-methylation steps in the ubiquinone biosynthetic pathway.[UniProtKB/Swiss-Prot Function]