

Product datasheet for **MC212808**

Coq4 (NM_178693) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Coq4 (NM_178693) Mouse Untagged Clone
Tag: Tag Free
Symbol: Coq4
Synonyms: A330041N06; D2Ertd97e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212808 representing NM_178693
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGACCTGCTGCTGCTTCGCTCCCTGCGCCTCCACCGCAGTCTTCGGCCCCGTACGCGGCCAGCTG
 TAGATGTACCCCTCAGGGCCGGGAGCCATGGCGCCGCCTGCTGTACCCGGACCACATCCAACCACCCC
 GCTGCAAAGATGCTGCTGGCTGCGGGCGCGGGGAATGGCTCTCTACAACCCCTATCGCCACGACATG
 GTTGACAGTTCTAGGGGAGACCACAGGATGCCACACCCTGAAATTCCTCAGGGACCAGATGAAGAAGGATC
 CAGAGGGTGCCAGATTCTACAAGAGCGTCCCAGGATCTCCCTGTCTACCTCGACCTGAGCAAGCTTCA
 GAGCCTGCCTGAAGGCTCACTGGGCCGTGAGTATCTTCGTTTCCTGGATGTGAATAAGGTCTCTCCAGAC
 ACACGAGCACCTACACGCTTTGTGGACGATGAAGAGCTAGCCTATGTGATCCAGAGGTACCGTGAAGTGC
 ACGACATGCTCCACACCCTGCTGGGCATGCCACCAACATGCTCGGAGAGGTTGTGGTAAAGTGGTTTGA
 GGCTGTGCAGACCGGCCACCAATGTGCATCCTGGGAGCACTCTCGGACCCATCCGCCTCCGTAICTAG
 AGCCTCCAAGTGTCTTCTCGGAGCTGATCCCTTGGGCGATTGAGAACGGGCGCAGGGCCCCATGTGTCC
 TCAACATCTACTATGAGCAGCGTTGGGAGCAGCCCTGACAGCCCTGCGGGAGGAGCTGGGCATCAGTCC
 TCCCCAAAACATATCCAGGGCCTGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178693
Insert Size: 801 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_178693.4 , NP_848808.1
RefSeq Size:	1987 bp
RefSeq ORF:	801 bp
Locus ID:	227683
UniProt ID:	Q8BGB8
Cytogenetics:	2 20.62 cM
Gene Summary:	<p>Component of the coenzyme Q biosynthetic pathway. May play a role in organizing a multi-subunit COQ enzyme complex required for coenzyme Q biosynthesis. Required for steady-state levels of other COQ polypeptides.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the functional protein. ##RefSeq-Attributes-START## gene product(s) localized to mito. :: reported by MitoCarta ##RefSeq-Attributes-END## COMPLETENESS: complete on the 3' end.</p>