

Product datasheet for RN215158

Coq4 (NM_001031662) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Coq4 (NM_001031662) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Coq4
 Synonyms: MGC116264
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN215158 representing NM_001031662
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCGACCTGCTGCTTCGCTCCAGCGCCTCCACCGCAGTCTCCGGCACCGTACGCGGCCAACTGTAG
 ATGTGCTCCTCAGGGCCGCGAGCCATGGCGCCCGCTGCTGTACCCAGACCACATCCCTACTACGCCGT
 GCAGAAGATGCTGCTGGCCGCCGCGCGGGGAATGGCGCTCTACAATCCCTATCGCCAGACATGGTT
 GCAGTTCTAGGGGAGACCACAGGATGCCACACCCTGAAATTCCTCAGGGACCAGATGAAGAAGGATCCAG
 AGGGTGCCAGATTCTGCAAGAGCGTCCCCGAATCTCACTGTCTACCCTCGATCTAAGTAAGCTCCAGAG
 CCTGCCTGAAGGCTCTCTGGGCCGTGAGTATCTGCGCTTCCTGAATGCGAATAAAGTCTCTCCAGATACA
 CGAGCACCTACACGCTTTGTGGACGATGAAGAAGTACCTATGTGATCCAGAGATACCGTGAGGTGCATG
 ATATGCTCCACACCCTGCTGGGGATGCCACCAACATGCTCGGAGAAGTTGTGGTAAAGTGGTTGAGGC
 TGTGCAGACTGGCCTTCCCATGTGCATCCTGGGAGCACTCTTCGGACCCGTCCGTCTCCGTGCTCAGAGC
 CTCCAGGTGCTTTTCTCAGAGCTGATCCCTTGGGCGATTACAGAACGGGCGCAGGGCCCCATGTGTCTCA
 ACATCTACTATGAACAGCGTTGGGAGCAGCCCTGACAGCCCTACGGGAGGAGCTGGGCATCAGTCTCC
 CCCAAAACACATCCAGGGCCTGGCT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001031662
 Insert Size: 798 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_001031662.1 , NP_001026832.1
RefSeq Size:	1257 bp
RefSeq ORF:	798 bp
Locus ID:	366013
UniProt ID:	Q4FZU1
Cytogenetics:	3p12
Gene Summary:	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]