

Product datasheet for **MC210643**

Coq10b (NM_001039710) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Coq10b (NM_001039710) Mouse Untagged Clone
Tag: Tag Free
Symbol: Coq10b
Synonyms: 1500041J02Rik; 1700030I21Rik; 9530077A17Rik; AV002237; AW742641
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210643 representing NM_001039710
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATCATGGCAGCTCGGACCAGTCAGAGGGCCCTGGCGAGGGTGGCATCGGGTGCCATCCGAAGTCGA
CCACCGTGACGGAAGCCCGCGCGGGGTCTGCGCGGACGTCAGACACTTAGCTGCCTGTGGTGTACT
GATAAACAGAACCCTCCACCGTGTGCTGCAGTTTTGCCTAAAGAGATCTGTGCGAGAACCTTCTCAGA
ATCTCTGCGCCACTAGTAAATAAACGAAAGGAGTATTCAGAGAGAAGAATTCTAGGGTACTCAATGCAAG
AAATGTATGACGTAGTATCAGGAATGGAGGACTATCAGCATTTTCGTTCCCTGGTGTAAAAAGTCAGATAT
AATATCAAGGCGATCTGGATACTGTAAAACCGACTTAGAAGTTGGGTCCCGGTTCTGGAGAGATAC
ACATCAATAGTAACCTTGGTAAAACCGCACTTGGTAAAGGCATCTGTACTGATGGGAACTTTTCAATC
ATTTGGAGACTATTTGGCGTTTTAGCCAGGCTTCTCTGGCTATCCAAGAACTGTACCTTGATTTTTTC
AATTTCTTTTGAATTCGCTCCCTTCTGCACCTCAGCTCGCTACTCTGTTCTTCGATGAAGTTGTGAAA
CAAATGGTAGCAGCCTTTGAAAGAAGAGCCTGTAACCTGTATGGTCCAGAGACAAACATACCTCGGGAAT
TAATGCTTCATGAAATTCACCACCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001039710
Insert Size: 729 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_001039710.1 , NP_001034799.1
RefSeq Size:	1748 bp
RefSeq ORF:	729 bp
Locus ID:	67876
UniProt ID:	Q3THF9
Cytogenetics:	1 C1.2
Gene Summary:	Required for the function of coenzyme Q in the respiratory chain. May serve as a chaperone or may be involved in the transport of Q6 from its site of synthesis to the catalytic sites of the respiratory complexes (By similarity).[UniProtKB/Swiss-Prot Function]