

Product datasheet for **RN204904**

Coq10a (NM_001108727) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Coq10a (NM_001108727) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Coq10a
Synonyms:	RGD1562447
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204904 representing NM_001108727 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCTCTGGGGATACGTGTGCAAAATTTGATGCTCCGGGCGGGTTTCTTATTTCTGTAACTCCTCT
TGCCTCGCGCTGCCAGGTCTTGCGGCTGAGGTTGGCCTTCCTCCTAGTCGTTCTTCATGGGCTTTGC
TGCCCCCTTACCAACAAGCGAAAGGCTTACTCAGAGCGTAGGATCATGGGGTACTCAATGCAGGAAATG
TTTGAGGTGGTCCAATGTCCAGGAGTACCGAGAGTTTGTGCCGTGGTGAAGAAGTCACTGGTGGTAT
CCAGCCGTAAGGGTCACCTGAAAGCCCAGTTGGAAGTCGGGTTCCACCTGTCTTGAACGTTACACCTC
TGCACTCTCCATGGTCAAACACACATGGTCAAGGCTGTCTGCACTGATGGCAAGCTCTTTAACCCTTA
GAGACTATTTGGCGATTAGCCCTGGTATTCCCGCTACCTCGAACCTGCACTGTGGACTTCTCGATT
CCTTTGAATTTCTGTTCTGCTCCACTCCAGCTGGCGACCATGTTTTTGTATGAGGTTGTAAGCAGAA
CGTTGCTGCCTTTGAGCGCCGGGCAGCAACCAAGTTTGGCCAGAAACAGCCATCCCCCGTGAGCTCATG
TTCCATGAAGTGACACAGACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001108727
Insert Size:	654 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:	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_001108727.1</u> , <u>NP_001102197.1</u>
RefSeq Size:	1287 bp
RefSeq ORF:	654 bp
Locus ID:	362810
Cytogenetics:	7q11