

Product datasheet for **RR215404**

Cox15 (NM_001033699) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cox15 (NM_001033699) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cox15
Synonyms: MGC124864
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215404 representing NM_001033699
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAACGGTTGTTCTCCGCCCTCAAGGCCTTGATGGGGAGCCGAATGTCGGGCTCCTGGTCCCTA
AGGCGGCATCTAGACACAGTGTGGCGGCGCAGCTATGGCGGCAGGCGTCTCTGAGGCCAGGGCAGTA
CGGCACCATCACTGAAGTGGCTTTGCAATCTGGAAAAGGCACAGTGTCCCTTCTTCGAGGGCAGCCGAG
CGGCAGTGGGCCGATGGCTCCTGGTGTGCAAGTGGTGGAGCAGTTATTCTTGAGGAGTGA
CCAGGCTGACGGAGTCTGGCCTCTCAATGGTAGACTGGCATTAAATAAAGGAGATGAAGCCACCCACAAG
CCAGGAAGAATGGGAAGCGGAGTTCAAAAGTACCAGCAATTTCCGGAATTTAAAATCCTGAATCATGAC
ATGACACTGGCGGAATCAAGTTTATCTGGTACATGGAATACTCACACCGGATGTGGGTGCGAGCTGTAG
GCCTTGCATACATCCTGCCTGCTGCCTACTTTGGAGAAAGGTTGGCTCAACCGTGGCATGAAAGGACG
TGTTCTTGCCCTCTGTGGCTTAGTCTGTTCCAGGCTGTTGGGTTGGTATATGGTAAAAGTGGATTA
GAAGAAAACAGAGTCTATGACATCCCTCGGTCAGTACAGTACCGCTCGCAGCCACCTGGGTCAG
CACTGATTCTCTACTGTGGCAGCCTGTGGACCTCCCTGTCACTGCTACTGCCTCAGCACAAGATACCGGA
AACCCGACAGCTCCTGTGGCTGAGACGCTTTGCTGGTGAACAGCAGGCTGGTGTTCACAGCTCTC
TCAGGGGCTTTTGTGGCAGGCTGGATGCTGGGCTCGTTTACAACCTCTCCCAAAATGGGAGAATCTT
GGATCCCAGAGGACCTCCTGACCTTCTCTCCCATCCTGAAGAATGTTTTTGAAGTCTACTATGTTTCA
GTTTGATCACCGGCTTCTGGGAGTCACTGTGCTACTGCCATTACAATGCTCTATTTCTGTCCCGAGA
ATCCCCCTTCTCGAAGAACCAAGATGGCAGCGGTGACTCTGCTAGCTTTGGCATATGCACAGGTGGCT
TGGGCATCAGCACTCTGTTATGTATGTCCAACCTCCGCTGGCTGCCACACACAGTCAAGCTCCTTGGC
TCTGCTCAGTGGTCCCTTTGGCTCATGAATGAATCCGAAGAGTTCCAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215404 representing NM_001033699
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MQRLFLPPLKALMGSRNVGLLVPKAASRAQCGGGSYGRRRPLRPGQYGTITEVALQSGKGTVSLPSRAAE
 RAVGRWLLVCSGTAVAGAVILGGVTRLTESGLSMVDWHLIKEMKPPTSQEEWEAEFQKYQQFPEFKILNHD
 MTLAEFKFIWYMEYSHRMWGRAVGLAYILPAAYFWRKRWLNRGMKGRVLALCGLVCFQGLLGWYMKVSGL
 EEKPEYDIPRVSQYRLAAHLGSALILYCGSLWTSLSLLLPQHKIPETRQLLWLRFFAGGTAGLVFLTAL
 SGAFVAGLDAGLVYNSFPKMGESWIPEDLLTFSPILKNVFENPTMVQFDHRLLGVTSVTAITMLYFLSRR
 IPLPRRTKMAAVTLLALAYAQVALGISTLLMYVPTPLAATHQSGSLALLSGALWLMNELRRVPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

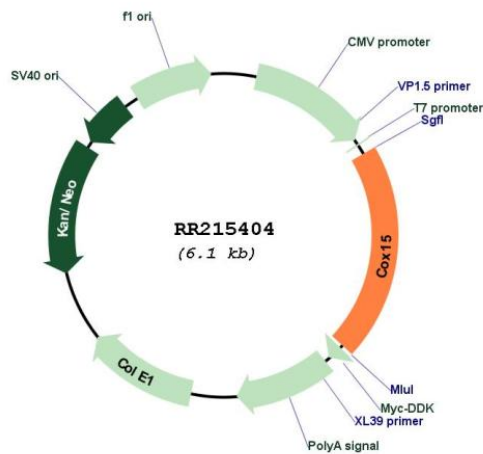
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001033699

ORF Size:	1242 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001033699.4 , NP_001028871.2
RefSeq Size:	3007 bp
RefSeq ORF:	1245 bp
Locus ID:	309391
Cytogenetics:	1q54
MW:	45.9 kDa