

## Product datasheet for **RR211182**

### Cox11 (NM\_001109575) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cox11 (NM\_001109575) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Cox11  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR211182 representing NM\_001109575  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGAGGGCTCTGGTGTCCGGATGGAGGTTCACTTTGTGTGGCCGGGGCTGGAGCCAGCCCCGGT  
 GGTCGGGCCGGACGGTGGTGAACGCAGAGCGGGCTCTTAGGCCGGATGGAATGGGGTCGGAGGCCGCGGA  
 GCAGGGACTGAGACGCTCGGGACATGGAAGCGCCGAGCGGGGCCGGGGTCCCGTCGCGCAGCCGCCA  
 CGCGGCCGAAGAGCAGCAACCCTTCCAGCGGGCGCAGGAAGACGAGTGGCGGCCGCGGAACAAGACGG  
 TGCTCACGTACGTGGCCGCGCCGCGTGGGCATGCTGGGGCCCTCGTACGCCGGTGGCCCTCTATCG  
 GCTCTACTGCCAGACTACTGGACTTGGAGGATCAGCAGTGGCTGGGCATGCCTCAGACCAGATTGAAAAC  
 ATGGTGCCTGTTAAGGACCGGATCATTAAAGTACCTTCAATGCTGACGTTACGCCAGTCTCCAGTGGA  
 ACTTCAGACCTCAGCAAACAGAGATCTATGTGGTACCAGGAGAGACTGCACTGGCATTATATAAAGCTAA  
 GAATCCTACTGACAAACCAGTAATTGGAATTTCTACATAAATGTTGTACCGTTTGAAGCCGGACAATAT  
 TTCAATAAAATACAGTGCTTCTGTTTTGAAGAACAAGGCTTAATCCACAAGAAGAAGTAGATATGCCAG  
 TGTTTTTCTACATTGATCCTGAATTTGCAGAAGATCCAAGAATGGTGAATGTCGACCTCATCACTCTTTC  
 TTACACTTTTTTTGAAGCGAAGGAAGGGACAAGTTGGCAGTTCAGGCTACAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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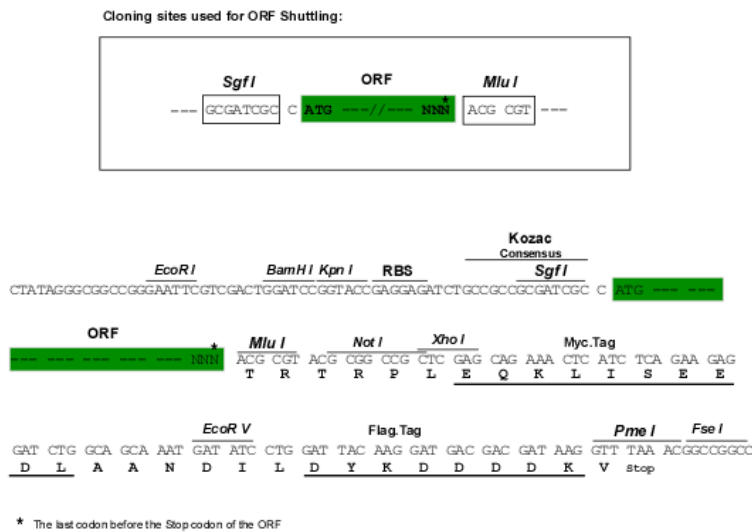
Protein Sequence: >RR211182 representing NM\_001109575  
 Red=Cloning site Green=Tags(s)

MGGLWCPGWRFITLCGRGWSQPRWSGRTVVNAERALRPGWNGVGGAEQGLRRLGTWKRPSGARGPVAQPP  
 RRPKSSNPFQRAQEDWRRRNTVLTYVAAAAGVMLGASYAAVPLYLRYCQTTGLGGSAVAGHASDQIEN  
 MVPVKDRIKVTFNADVHASLQWNFRPQQTEIYVVPGETALAFYKAKNPTDKPVIIGISTYNNVVPFEAGQY  
 FNKIQCFCFEEQRLNPQEEVDMPVFFYIDPEFAEDPRMVNVDLITLSYTFEAKEGHKLAVPGYN

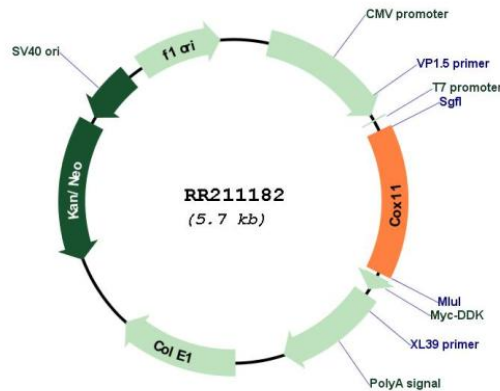
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_001109575

ORF Size: 825 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001109575.1</a> , <a href="#">NP_001103045.1</a>
<b>RefSeq Size:</b>	2506 bp
<b>RefSeq ORF:</b>	828 bp
<b>Locus ID:</b>	690300
<b>Cytogenetics:</b>	10q26
<b>MW:</b>	30.9 kDa