

## Product datasheet for RN212172

### Coq7 (NM\_012785) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Coq7 (NM_012785) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Coq7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212172 representing NM_012785 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCGGCGGGGAGCGATAGCGGCCGTTCCGTGGGATGCCTGCGCACTGGTGTCCCGAGGCCTTTCT  
CAGCTTATGGGAGAGGCCTTATCATCAGGTGTACAGCACAGGAATGACCTTAGACAATATTAACCGGGC  
AGCCGTGGATCAGATAATCCGGGTGGATCAGCTGGTGAATATGGAGCAAACCGCATCTATGCAGGGCAG  
ATGGCTGTGCTTGGACGGACAGTGTGGCCCTGTCATTCAGAAAATGTGGGATCAAGAAAAGAACCATT  
TGAAAAAGTTCAACGAGTTGATGGTTGCGTTCAGGGTCCGACCTACGGTTTTGATGCCCTTGTGGAACGT  
GGCAGGGTTTGCCTGGGGCAGGAACTGCCTTGCTGGGAAGGAAGGAGCAATGGCCTGCACCGTGGCA  
GTAGAAGAGTCTATCGCTCATCACTACAACAACCAGATCCGCATGCTGATGGAGGAGGACGCTGAGAAGT  
ACGAGGAGCTGCTGCAGGTCATTAAGCAGTTTCGAGATGAGGAGCTTGAACACCACGACACAGGCCTGGA  
ACATGATGCAGAGCTGGCTCCCGCATACACCTTGTGAAGAGACTTATCCAGGCCGGATGCAGTGCAGCC  
ATATACTTATCAGAAAGTTTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012785
Insert Size:	654 bp



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<b>OTI Disclaimer:</b>	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).
<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_012785.3</a> , <a href="#">NP_036917.2</a>
<b>RefSeq Size:</b>	887 bp
<b>RefSeq ORF:</b>	654 bp
<b>Locus ID:</b>	25249
<b>Cytogenetics:</b>	1q35
<b>Gene Summary:</b>	may play a roel in ubiquinone biosynthesis [RGD, Feb 2006]