

## **Product datasheet for RR208497**

## Coch (NM\_001108710) Rat Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** Coch (NM\_001108710) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Coch

**Vector:** pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

**Cell Selection:** Neomycin

ORF Nucleotide >RR208497 representing NM\_001108710
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

 $\mathsf{C}\mathsf{A}$ 

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR208497 representing NM\_001108710

Red=Cloning site Green=Tags(s)

MPSSWSPALCLGAWLLLLLPRLARAEGAVPIPITCFTRGLDIRKEKADVLCPGGCSLEEFSVFGNIVYA SVSSICGAAVHRGVIGTSGGPVRVYSLPGRENYSSVAANGIQSQTLSRWSASFAVTKGKSSTQEATGRAV

STANPPSGRKCEAVPLLPGNNLEP

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

**Restriction Sites:** Sgfl-Mlul



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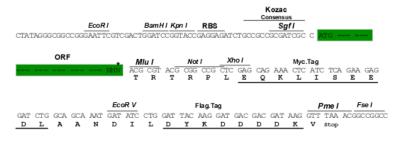
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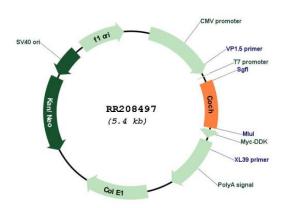
## **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

## Plasmid Map:



**ACCN:** NM\_001108710

ORF Size: 492 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.



MW:

**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 001108710.1</u>, <u>NP 001102180.1</u>

17.1 kDa

RefSeq Size: 651 bp
RefSeq ORF: 495 bp
Locus ID: 362735
Cytogenetics: 6q23

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