

## Product datasheet for **RN214203**

### Apoc3 (NM\_012501) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Apoc3 (NM\_012501) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Apoc3  
**Synonyms:** apo-CIII; ApoC-III  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN214203 representing NM\_012501  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCAGCCCCGAATGCTCCTCATCGTGGCCCTCGTGGCTCTCCTGGCCTCTGCCGAGCTGATGAGGGAG  
AGGGATCCTTGCTGCTGGGCTCTATGCAGGGCTACATGGAACAAGCCTCCAAGACGGTCCAGGATGCACT  
AAGCAGCATGCAGGAGTCTGATATAGCTGTGGTGGCCAGGGGCTGGATGGACAATCGCTTCAAATCCCTG  
AAAGGCTACTGGAGCAAGTTCACGTGATAAGTTCACGTGGCCTCTGGGAGTCTGGCCCTGAGGACCAACTAA  
CAACACCAACTCTTGAGCCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_012501

**Insert Size:** 303 bp

**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).



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**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:** [NM\\_012501.2](#), [NP\\_036633.2](#)

**RefSeq Size:** 536 bp

**RefSeq ORF:** 303 bp

**Locus ID:** 24207

**Cytogenetics:** 8q22

**Gene Summary:** very low density lipoprotein (VLDL) that comprises a major component of the lipid transport system; increased levels induce hypertriglyceridemia [RGD, Feb 2006]  
Transcript Variant: This variant (1) represents the predominant transcript. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.