

## Product datasheet for **RN200437**

### Apoc1 (NM\_001109996) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Apoc1 (NM_001109996) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Apoc1
Synonyms:	ALPCI; Apo-CIB; ApoC-IB; LRRG04
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200437 representing NM_001109996 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGAGGCTCTTCATCGCACTTCCTGTCCTGATCGTGGTCGTAGCCATGGCTTTGGAAGGCCAGCCCTG  
 CCCAGGCGGCCCTGACTTTCCAGCGCAATGGAGAGCTTACCGGATAAACTAAAAGAGTTGGGAACAC  
 TTTGGAAGATAAGGCCCGGGCAGCCATTGAGCATATCAACAGAGGAAATTATGATCAAGACTCGGAAC  
 TGGTTTTAGAGACGCTCAACAAATGAAGGAGAAATTAACACATTGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001109996
Insert Size:	267 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\_001109996.1, NP\_001103466.1

**RefSeq Size:** 431 bp

**RefSeq ORF:** 267 bp

**Locus ID:** 25292

**UniProt ID:** P19939

**Gene Summary:** may play a role in lipid transport [RGD, Feb 2006]  
Transcript Variant: This variant (2) contains an additional 5' non-coding exon, therefore, has a different 5' UTR compared to transcript variant 1. Transcript variants 1 and 2 encode the same protein.