

Product datasheet for **RN215871**

Anapc15 (NM_001170435) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Anapc15 (NM_001170435) Rat Untagged Clone
Tag: Tag Free
Symbol: Anapc15
Synonyms: APC15; RGD1311634
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN215871 representing NM_001170435
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGCCAGGACTCAAACCTCAGCTTAGGAGCCATGTCCACCTTGTTCCCTTCACTCTTTCCTCGTGGA
CTGAGACTGTGGTTTAACTGGATCGACCCTGTGTGGAGGAGACAGAGCTGCAGCAGCAGGAGCAGCA
GCATCAGGCCTGGCTCCAAGCATCGCAGAGAAAGACAACAACCTGGTACCCATCGGCAAGCCTGCCTCC
GAGCACTATGATGACGAGGAAGAAGAGGATGATGAAGATGACGAGGACAGTGAAGAGGATTCAGAAGACC
ATGAGGACATGCAGGACATGGATGAGATGAATGACTATAATGAGTCACCTGATGATGGAGAGGTCATGA
GGTGGACATGGAAGGCAACGAACAGGATCAGGACCAGTGGATGAT**CTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001170435

Insert Size: 399 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.



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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:	<ol style="list-style-type: none">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_001170435.1, NP_001163906.1</u>
RefSeq Size:	786 bp
RefSeq ORF:	399 bp
Locus ID:	293155
UniProt ID:	<u>D3ZQX4</u>
Cytogenetics:	1q32
Gene Summary:	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. In the complex, plays a role in the release of the mitotic checkpoint complex (MCC) from the APC/C: not required for APC/C activity itself, but promotes the turnover of CDC20 and MCC on the APC/C, thereby contributing to the responsiveness of the spindle assembly checkpoint. Also required for degradation of CDC20 (By similarity).[UniProtKB/Swiss-Prot Function]