

## Product datasheet for **RN200634**

### Anapc7 (NM\_001107142) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Anapc7 (NM_001107142) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Anapc7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN200634 representing NM\_001107142  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTGTGATAGATCATGTGCGGGACATGGCGGCCGCTGGGCTGCACTCCAACGTGCGGCTCCTCAGCA  
 GCTTGCTGCTGACCATGAGTAATAACAACCCTGAGCTGTTTTCCCGTCTCAGAAGTACCAGCTTCTGGT  
 GTATCATGCAGATTCTCTCTTTACGATAAGGAATACCGCAATGCTGTGAGTAAGTATACCATGGCTTTA  
 CAGCAGAAGAAAGCCTTAAGTAAAACCTCAAAGGTGCGACCTTCAACTGGAAATTCTGCATCTACTCCAC  
 AGAGCCAGTGTCTTCCATCCGAAATTGAAGTGAATACAAAATGGCTGAGTGCTACACAATGCTGAAACT  
 GGACAAGGACGCCATTGCTATACTCGATGGGATCCCTTCAAGACAAGAACCCCCAAAATAAACATGATG  
 TTGGCAAACCTGTACAAGAAGGCTGGTCAGGAACGCCCGTCGGTACCAGCTATAAGGAGGTCTGCGGC  
 AGTGCCCTTTGGCCCTTGACGCCATTCTAGGTTTGTATCCCTGTCTGTGAAAGGTGCAGAGGTGGCATC  
 GATGACAATGAATGTGATCCAGACTGTGCCAACCTGGACTGGTGTCCGTGTGGATTAAGCATACGCT  
 TTTGTGCATACTGGTGACAACTCAAGAGCGATCAACACCATCTGTTCCGCTAGAGAAAAATCCTTACTGC  
 GAGACAATGTGGACCTGCTGGGGAGCCTGGCAGACCTGTACTTCAGAGCAGGAGACAACAAGAACTCAGT  
 CCTCAAGTTTGAGCAGGCCAGATGCTGGACCCTTACCTGATAAAAGGGATGGATGTTTTATGGTACCTC  
 TTGGCAGGAGAAGGGCGCTAGAGGATGTGGAGAACCTTGGTGCCGCTTTTCAATATTCTGATCAGC  
 ATGCCGAGCCTTGGTGGTCTCCGGATGCCACAGCTTCTACAGTAAGCGCTACTCCCGGGCCCTGTACTT  
 AGGCGCCAAGGCCATTCAACTGAACAGCAACAGTGTCCAAGCTTATTACTCAAAGGAGCGGCGCTTAGA  
 AACATGGGAAGAGTCCAGGAAGCTATAATACATTTTCGGGAGGCCATAAGGCTTGGCCTTGTGCTTAG  
 ACTGTTACGAAGGTCTCATAGAATGTTACTTACTTCTAACAGCATCCGAGAGGCCATGGTGTGGCCAA  
 CAATGTTTACAAAACCTCTGGGTGCAACCGCTCAGACGCTTACCCTGTTAGCCACCGTGTGTCTGGAAGAT  
 CCAGTGACACAGGAGAAAGCCAAAACCTTGTAGACAAAGCCCTGGCCAGAGGCCGACTACGTCAAGG  
 CCGTGGTGAAGAAGGCAGAAATTGCTGAGCAGGGAGCAGAAGTACGAAGATGGAATTGCTCTGCTGAGAAA  
 TGCCTGGCCAACCAGAGCGACTGCGTCTGCACCGCATCCTGGGGGACTTCTGGTGTCTGTGAATGAG  
 TACCAGGAAGCAATGGACCAGTATAGCATAGCACTGAGTTGGACCCCAATGACCAGAAGTCCCTGGAGG  
 GCATGCAGAAGATGGAGAAGGAGGGGAGCCCCACAGACGCCACTCAGGAGGACGACTGGACGACATGGA  
 GGGCAGTGGGGAAGAAGGGGACCTGGAGGTAGCGACAGTGAAGGAGCCAGTGGGCTGACCAGGAGCAG  
 TGGTTTGGCATGCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107142
- Insert Size:** 1698 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).

**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\\_001107142.1](#), [NP\\_001100612.1](#)

**RefSeq Size:** 2584 bp

**RefSeq ORF:** 1698 bp

**Locus ID:** 304490

**Cytogenetics:** 12q16