

## Product datasheet for **RN201044**

### **Anapc4 (NM\_001107220) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                      |
| Product Name:      | Anapc4 (NM_001107220) Rat Untagged Clone |
| Tag:               | Tag Free                                 |
| Symbol:            | Anapc4                                   |
| Vector:            | pCMV6-Entry (PS100001)                   |
| E. coli Selection: | Kanamycin (25 ug/mL)                     |
| Cell Selection:    | Neomycin                                 |



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**Fully Sequenced ORF:** >RN201044 representing NM\_001107220  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTGCGCTTTCCGACCTGTTCCCATCCTTTGGGTGGTGGGAGAGAAGCAACTGCCGAAGAGATTA  
 TTTTCTTGGCCTGGTCACCCAAGCGAGACCTCATTGCTTTGGCCAACACTACAGGCGAGTTTTACTGCA  
 TCGCCTTGCAAGTTTTTCATCGCTCTGGAGTTTTCCACCAAATGAAAGTACAGGAAAAAGAGTGACCTGC  
 TTGGCCTGGAGACCAGATGGCAAACCTTTGGCCTTTGCTCTTGGCGATACCAAAAAAATTTTTGTGTG  
 ATGTAGAAAAGCCTGAAAGCTTACACTCTTTCTGTGGAGGCTCCGGTGTCTTGTATGCATTGGATGGA  
 AGTGACGGTTGAAAGCAGTGTCTTAACATCATTTTATAACGCTGAGGATGAGTCCAATCTCTTTTGCCT  
 AAGCTGCCACATTGCCAAAAAATACAACAGCACCTCAAAAATATTTAGTGAAGAAAATCTGATGAAA  
 TTATTAAGCTCTGGGAGATGTCAGGCTGAACATCCTTGTCTTGGAGGAAGTTCTGGATTTATTGAGCT  
 TTATGCTTATGGGATGTTCAAAATGCTCGAGTAAACAGGATTGCCGGTACTTGTATTGCTGTGTTTA  
 TCAAGTGATTTGAAGTCGTATCAGTGGTCACAGAGGCTCCAGTGGTGGTGAATCAGAAGTTCCCTATT  
 TTCAGCTTGAACCAATCTGCTGTATTCTTCTTCTAGTGAAGTAACTCGGATGGCCAGAAAGTTACTCA  
 CATTTCGGCTCTCTTACAGTACATAAAATTTGTCGCTGACATGTATGTGTGAAGCGTGGGAAGAAATCCTG  
 ATGCAGATGGACTCCCGTCTCACTAAGTTGTACAGGAAAAAACAACACATCGGTACAGGATGAGT  
 TCATGCACTTACTGTTGTGGGGAAAGCCAGTGTGAACCTCAGACTCTCCTGATGAACCAAGTAAACAGT  
 GAAGGGCTTAAAAAGCTTGGCCAGTCTATAGAGTCATCATATCCAGTATACAAAACTGGTTATAAGT  
 CACTTACAGAGTGGCTCAGAGTCTTACTCTATCACTTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
 AGAAATGAACTCTAGGACTGGATGCTTCAAGCATTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
 CCTTAAAGCAAAATGAACTTCTCCAAGTTATAGATAGTAGTATGAAAAAATCAAGGCATTTTTTCGGTGG  
 CTATATGTAGCAATGCTGAGAATGACAGAGGACCAGTGTCTTCTGAGCTGAACAAGATGACTCAGAAGG  
 ATATCACATTTGTGCTGAATTCCTCACTGAACATTTCAATGAGGCTCCAGACCTTTATAATCGGAAAGG  
 AAAATACTTCAATGTTGAAAGAGTTGGTCAGTATTTGAAAGATGAAGTGAAGTGAAGTGAAGTGAAGT  
 AACACAGAAGGAAACAGTGGTATGACTTCTCCAGAACAGCAACCACCTAAAAGAAAGTCTTTGCTGT  
 TTCCTTACTACCCTCGAAAATCACTGCATTTTGTGAAAAGGCGAATGGAGAACATTATTGATCAGTGT  
 GCAAAAAGCCAGCAGATGTAATTGGAAGATCGATGAATCAAGCAATTTGCATTCCATTATATAAAGATGCT  
 AGGAGTATGGATGGTGCACGTAGATTGTTAAAATTCCTTCTTGTGGAATAATAAACTTCGAATCTTC  
 ATTATCTTCTTTTACTATTTTAGAAGATTCAGTTTATAAAATGTGCATCTTAAGGAGACATACTGATAG  
 TTCCCAATCTGTAAGTAATGGACTAATTGGTATCAAATTTGGGAGCTTACATATGCCACAACACTGACAAA  
 GTCAGAAGAAGCACTTACAGTTGTCTGGATGCCAGTTTTATGATGACGAGACTGTCACAGTCATCCTTA  
 AGGACTCCATGGGACGTGAGGGAAGAGACAGGATTTTGGTTTCAGTTGCCACTGTCCTTGGTGTATAACAG  
 TGAAGACTCTGACGAGTATGAGTTCCTGGGACTTGTCCACCAGGCTTGTGATGAGCAGGGCAGCATTATT  
 CCCACACGCACCATGCACTTTGAGAAGCACTGGAGGCTGCTGGAAAGCATGAAGGCACAGTATGTTGCTG  
 GGAATGGCCTTCGAAAGTGTCTGTGTGTTAAGTTCAAACCTCCGGCACGTGAGGGTGTGTTGAAATGGA  
 CATCGATGATGAATGGGAGCTTGACGAGTCTTCCAGATGATGACGAGGAGGCTGCCGGAAGCCTGTGAAG  
 ATCAAGGAAGAGGTGTTGTGAGAGTCCGAGACAGAGGCTCACCAAGATGCTGCTGCCCTAGACTCAGACG  
 TAGTCATCAAAGTGGAGAACTTGACCCTGAGTTGGACTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001107220  
**Insert Size:** 2424 bp

|                               |   |
|-------------------------------|---|
| <b>OTI Disclaimer:</b>        | 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).  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq:</b>                | <u><a href="#">NM_001107220.1</a></u> , <u><a href="#">NP_001100690.1</a></u>   |
| <b>RefSeq Size:</b>           | 3048 bp   |
| <b>RefSeq ORF:</b>            | 2424 bp   |
| <b>Locus ID:</b>              | 305420  |
| <b>Cytogenetics:</b>          | 14q11   |