

Product datasheet for **MC206344**

Anapc4 (BC024870) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anapc4 (BC024870) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anapc4
Synonyms:	2610306D21Rik; APC4; D5Ertd249e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024870
 GGCCGCTGGCTAGGAGTAGGCCGAGTCTGCGACTCTGGCAGGTACCGTTGCTGGCAGGGCTTTGTGCCAG
 AGCTTTGTGGCCGGGTGCTCCGGCGGCCTTCTCGCGCACGTGCTTGCAGGGCCGCACCCATGCTGCGCTT
 TCCGACCTGTTTCCCATCCTTTCGGGTGGTGGGAGAGAAGCAGCTGCCACAGGAGATTATTTTCTTGGCC
 TGGTCCCCAAGCGAGACCTCATTGCTTTGGCCAACTACAGGGCAGGTTTTGCTGCATCGCCTTGCAA
 GTTTTCATCGAGTTTGGAGTTTCCCAACAAATGAAAGTACAGGAAAAGAAGTGACCTGCTTGGCCTGGAG
 ACCAGACGGCAAACCTTTTGGCCTTTGCTCTTGGCGATACCAAGAAAATTATTTGTGTGATGTAGAAAAG
 CCTGAAAAGCTTACACTCCTTCTCTGTGGAGGCTCCGGTCTCTTGTATGCATTGGACAGAAGTGACTGTGG
 AAAGCAGTGTTTTAAATCGTTTTATAATGCTGAGGATGAGTCCAATCTTCTCTTGCCTAAGCTGCCAC
 ATTGCCAAAAAATTACAACAGCACCTCAAAAATATTTAGTGAAGAAAATTCTGATGAAATATCAAGCTC
 TTGGGAGATGTCAGGCTGAACATCCTTGTCTTGGAGGAAGCTCTGGATTATTGAGCTTTATGCTTATG
 GGATGTTCAAATTGCCCGAGTAACAGGGATTGCCGAACTTGTATTGCTCTGTGTTTATCAAGTGATT
 GAAGTCATTATCAGTGGTACAGAGGTTCCAGCGGTGGCGAATCAGAAGTTTCATATTTTACAGCTGAA
 ACCAATCTGCTGTATTCTTCTTACCTGAAGTAACTCGTATGGCCAGGAAGTTTACTCACATTTACAGCTC
 TCTTACAGTATATAAATTTGCTACTGACATGTATGTGTGAAGCATGGGAAGAAAATCTGATGCAGATGGA
 CTCCCGTCTTACCAAGTTTGTACAGGAAAACCTACAACCACGTCAAGTGCAGGATGAGTTTATGCACCTG
 CTGCTGTGGGGAAAGCCAGTGCTGAACCTCAGACTCTCCTGATGAACCGTTAACAGTGAAAGGGCTTAA
 AAAAGCTTGGCCAGTCTATAGAGTCATCATATTTCCAGTATACAAAACCTGGTTATAAGTCACTTACAGAG
 TGGCTCTGAGTCTTTACTGTATCATTGAGTGAACCTAAAGGAATGGCTTATGGAACAAAAATACGAA
 CCTTAGGACTGGATGCTGCAGGCATTGAAGATGCTATTACTGCTGTGGGTTCTTTCATCTCAAAGCAA
 ACGAACTTCTCAAGTTATAGACAGTAGTATGAAAACCTCAAGGCATTTTTTCGGTGGCTGTATGTAGC
 AATGCTGAGAATGACAGAGGACCATGTGCTTCTGAGCTGAACAAGATGACTCAGAAGGATATCACATTT
 GTTGTGAATTCCTCACTGAACATTTCAATGAGGCTCCAGACCTTTATAATAGGAAAAGAAAATACTTCA
 ATGTTGAAAAGAGTTGGTCAGTATTTGAAAAGATGAAGACGACGACCTTGTGTCAACCCCTAACACAGAAGG
 AAACAGTGGTATGACTTCTCCAAAACAGCACCCACCTGAAAAGAAAGTCTTTGCTGTTTCTTATTAC
 CCTCGAAAATCATTGCATTTTGTGAAAAGGCGGATGGAGAACGTTATTGATCAGTGTGAAAAGCCAG
 CAGATGTAATTGGAAGATCGATGAATCAAGCAATTTGCATTCCATTATATAAAGATGCTAGGAGTATGGA
 CTGTGCACGAAGATTGTTAAAATCCCATTCTGTGGAATAATAAACTCGAATCTTATTATCTTCTT
 TTTACTATTTTAGAAGATTCCGTTTATAAAATGTGCATCTTAAGGAGACATACTGATATTTCCCAATCTG
 TAAGTAATGGACTAATTGGTATTAATTTGGGAGCTTCACATCTGCCTCAGCTGACAAGGTGAGAAGAAG
 CTCTTACAGTTGTCTAGACGCCAGTTCTATGATGATGAGACTGTCACGGTCATCTGAAGGACTCCATG
 GGACGTGAAGGGAGAGACAGGATTTTGGTTCAGTTGCTACTGTCTTGGTGTATAACAGTGAAGATTCTG
 ACGAATATGAGTTCACTGGGAGTTACTCGACAAGGCTTGACGAGCAGGGCAGCATTATCCCCACACGCAC
 CATGCACTTTGAGAAACTGGAGGCTGTAGAAAAGCATGAGAGCGCAGTATGTTGCTGGGAACGGCCTT
 CGAAAAGTGTCTGTGTGTTAAGTTCAAACCTCCGGCATGTGAGGGTGTGAAATGGACATCGATGATG
 AGTGGGAGATTGACGAGTCTTACAGCATGAGGAGGAGGCTGGCGGGAAGCCTGTGAAGATCAAGGAGGA
 AGTGTGTCAGAGTCAGAGACAGAGGCTACCAAGACGCTGTGCCCTAGACCCGGACGTAGTCATCAA
 GTGGAGAACTTGACCTGAGTTGGACTCGTGACCCAGCTTGACAGCATTGTGTTAGTTAATGTGGCAA
 AAGACGTAGTGGACGGACTAAGAATGTATCGGTACACTGAGTTGTCTGTGTATCAAAGAAAATAAATGGT
 AAATTTTAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC024870

Insert Size: 2424 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:	<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>BC024870</u> , <u>AAH24870</u>
RefSeq Size:	2682 bp
RefSeq ORF:	2424 bp
Locus ID:	52206
Cytogenetics:	5 28.81 cM
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. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains (By similarity). [UniProtKB/Swiss-Prot Function]