

Product datasheet for **MC206636**

Anapc10 (BC031460) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anapc10 (BC031460) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anapc10
Synonyms:	1500026N15Rik; A830003M23Rik; APC10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC031460
 GAGAACCAGGAATTGTGGCGAATCAGAAGGATTGTCATGGCATGGTAGAATGTATATTGCTTGTCTCTCTA
 TAGAATAATTTAAAAATGACCACACCGAACCAAGACACCTCCTGGTGCTGATCCTAAGCAGTTGGAGAGGA
 CAGCAACAGTCAGGGAAATTTGGGTCTCAGGCTGTTTGGTCACTCTCTTCTGCAAACCAGGGTTTGGAGT
 GGATCAATTACGGGATGACAATCTAGAACTTACTGGCAATCTGATGGCTCTCAGCCTCACTTAGTGAAC
 ATCCAATTGAGAAGAAAAACAACAGTGAAGACATTATGTATTTATGCAGACTATAAGTCTGATGAAAAGCT
 ACACCTCAAGCAAAATCTCAGTCAGAGTAGGAAATAATTTTCAACAACCTCAAGAATCCGGCAACTTGA
 ATTGGTGAACCAAGTGGCTGGATTACAGTTCCTTTAACTGACAATCATAGAAGCCAACCTCGCACATTC
 ATGATACAGATTGCTGTTCTAGCCAATCATCAGAATGGAAGAGATACCCACATGAGACAAATTAAGATAT
 ACACACCAGTGGAGAGAGCTCCATTGGGAAATCCCTAGATGCACAACCATTGATTTTCATGATGTATCG
 TTCAATACGGTGACTTTAAATGGACAGAAAGTGAACAGACGTTTGTTTTATCCTATCATTGGATAGTATA
 TCAAGTATCTTTGGTAAAAGTCATGTTACTTTGCAATTTTACATACATTTAAAAAATTTAGATAAATA
 ACTTTTAGGTCATGTCTGTTTTTATATAATAAGCTCATATTTTATGTTGCTAACATGAATTTGAAGTC
 AATCTTTAAATTTTTCTTTATATTTAAAAGAAAAGTAACTGAACTGAAAATTTCAAGATATATACTATG
 TGTTTACTTTATTTATGGTGGTTATTTTATATAATGGTTGTTGGATATTGGGAGCAAAATGGAATTTTCA
 ATAGCACTGAAGTGAAGCTTAAAGTACTTTGGAATATTAGTTGTGTTGGATGGTGTTCCTGGAGCA
 GACACAGGTGAAAGACCAAGGAACATTTGGCTGAAACAGACCCAGGTATGTTCTGCTAAAGCAAGCATGT
 GAGAGGGCTCTGAGTGAAGACATTCATGTATTGGTCTCCTTACATTGCATAGTTGAGCTGCATTTGTTG
 GGACTCTTAACACCAAAACCTTCTGGTGGTGTGCTACTGCTTCTGTTGCTTCTGAGATTTGGGCTGAT
 TGGCAGAGACCTGTCACCTGAGACATACTTAATGTGCTGAAGCAAAGCATGTGCTGAGACAATAACATGT
 GGAGGACACTTGTGTCTGGAGAGATGATAAATAGGACTCACAAATGACGGAGGCTGAACTAGTCTTGCTT
 ATAGAGCTGTCTGTGCAACGCTTGAGAGGCACAGCTGAGAGCTTTTCTGGTGTCTCTGTTGGCCATGGT
 CCTTCTGTTGACTAGTGCCAGAGCTGAGGCTGGCTGTCTCTGCTAGGTAGTCCATCGCTGCTGCTGTTG
 GTTTTTGCTATCCTGACTTCTGTGAAGTGAAGTCTGATTTTCTGACAATGCAGATGGGAGTTGCTCTAA
 AGAACCATATCTTAAACAATCTACTTCCCTGTGTTCTATCCTTCCACTACTTCTGGTGGATGGAAGGC
 TAAAAGGAAGGTTAAAGCATTAAAGAACCTCATTAAAAAAGGCTTGAATAAATTAAGTTACACATT
 AATTTTTTTTTAGAGGAAATTAATGTTGTGTCCCCCTCCCCGAAACAATGATAATCAATCTCTG
 GGTGCAACAAGTAAAGTCTTAAAGCCATATTAATCTAAATCCTCAGGTGGCAAAATCCTGGCA
 GATTCGCCATTTAAGCTGAGGACACTAGTACATCTTGCTTCTCGATAACCCTGTCCAAAAAGCCC
 CTAACCTCTCTGCTTCTCTCTCTCTGTCACCTTGAAGTCTCACCTACTTGCCAGTGATTGGTCC
 CTGATTCAGACAGCCCCTCCTGGGAAAGCAGAATTAACATCGTAAGTGGAAATTAATACAGGCATCACC
 GGCCATCCACAACACTTTCCTTTTTCTGTAATAAAAAACAACCTTTTCTCTCAAATATAAATTTGA
 GCACAACACTACTACATTTTGAATTTATAAAGTACAAGATAGACCTAACACCCAGTCAGTCCATCATTTT
 TGTCAATTAATAGAACACTGTCATATTTCTAACTTAAAGACGTATAATTCTACACCTGACTTATGTC
 CTGGCTTTAGATTGTATGCCATCTGAAAACCTCCTCAAATCTGTTTTATCAATGTTAAATAGCCTGGGT
 TGGCTTTGAGACTATAAGTAGTCTTTCACTCCATCAGAAATCCGAGAATGACCAACATTATCTGAAGAT
 AAAGGAAGCCTAACACAGCTTCCAGACCTGAGACAAGTTGTAGAGACAGCTGCCTACCCATATAGCCCCA
 GTAAGTCAGGAAGTTGGAGCATCAATCTTATCCTCTGGCCAGAAATCATCTGACAGATCTTTGAAAAAC
 AGGAATTTGTTAAGGATTAGCCTATTGTCTCAGCAGAACTAAGCTGTCTAACCTGAACATTGTTGCTCTTA
 GATAGCCAGTTTCTGCTCAGTGGCCACCTGGCCACAGTGTATCACTTCACTTGGAGGTATAGATGCTCTG
 TTGCTTTGAATCCATGAATGAGAAGCTGTTAGGAGATTATCTCAGCAAGTGAATAAATAACATTAATGT
 CAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
ACCN: BC031460
Insert Size: 558 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:	BC031460 , AAH31460
RefSeq Size:	2821 bp
RefSeq ORF:	558 bp
Locus ID:	68999
Cytogenetics:	8 37.79 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]