

Product datasheet for **MC228805**

Anapc5 (NM_001289518) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anapc5 (NM_001289518) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Anapc5
Synonyms:	2510006G12Rik; AA408751; AA536819; AA986414; Anpc5; APC5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC228805 representing NM_001289518
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGACCAACGGGGTAGTGCACGCCAACTTGTTTGGCATCAAGGACTGGGTGACGCCCTATAAGATCG
 CCGTCCTGGTGTCTCAACGAGATGGGCCGACGGGCGAGGGCCCGTCAGCCTCGTGGAGCGCGGAA
 GCTCAACCAGCTGCTCCTGCCCTGCTGCAGGGCCAGATATTACACTGTCAAAGCTGTACAAGCTAATT
 GAAGAATCGTGTCTCAGCTGGCAAATTCAGTGCAGATCAGAATCAAGCTCATGGCTGAAGGCGAACTGA
 AGGATATGGAACAATTTTTGATGACCTTTAGATTCTTTTTCTGGAAGTGAACCAGAGGTTACAAAAAC
 GAGTGTAGTAGGCTGTTCTGCGCCACATGATCTTGGCCTACAGTAAGCTTTCTTTAGTCAAGTGT
 AAGCTGTACTGCCCTCCAGCAGTACTCCAGAACGGGGAGAAAAGACGGTGGAGATGCTGATATGG
 ACCGAGAGGATGGAGAGAAACAGATGGAGAAGGAAGAGCTCGACGTGTCGGTGGAGAGAAGAGGAATC
 TTGCAGTGGTCTCTGTCCAAAAACAAGCGGAATTTTTCTCTCTCAGCAGGCCGCTTTGTTGAAGAAT
 GATGAGACTAAAGCCCTACCCAGCTTCTTGCAGAAGGAATTGAACAACCTGTTGAAATTTAATCCTG
 ATTTTGTGAAGCTCATTACCTCAGTACTTAAACAACCTCCGTGTTCAAGATGTTTTAGCTCAACACA
 CAGCCTCTGCATTATTTGACCGCTGATTCTACTGGAGCGGAGGGCAAAAGTAAATGGGGAAGAGGGT
 TATGGCCGGAGCCTGAGATACGCTGCTCTCAACCTGGCTGCCCTGCAGTCCGCTTCGGTCACTAACA
 AGGCAGAGCTCGCCCTGCAGGAGCAATTAGGATTGCCAGGAGTCCAACGATCAGTGTGTCTGCAGCA
 CTGTTTGGAGTGGCTTTATGTCTGGGGCAGAAGAGAGCCGATAGCTATGTTCTGCTGGAGCACTGTG
 AAGAAAGCAGTACATTTGGGTTACCGTACCTCGCCTCCCTGGGAATACAGTCCCTTGTCAACAGAGAG
 CTTTTCTGGGAAGACGGCCAACAACTGATGGATGCCCTAAAGGACTCTGACCTCTGCAGTGAAGAA
 CAGCCTGTGAGAATTCGATATCAGCATTGCACAGAAAACGGCCATCTGGAGGCTGTACGGCCGCGAGC
 ACCATGGCACTGCAACAAGCCAGATGTTGCTGAGCATGAACAGCCTGGAGTCGCTGAATGCGGGTGTGC
 AGCAGAACAACTGAGTCTTTGCCGTCGCTCTCTGCCATCTTGACAGGCTCCATGCAGAACAGGGCTG
 TTTTGGGCTGTGGTGAAGTAAAGCACTTGAAGGACCGATTTCCACCCAACAGTCAAGCAGCCAG
 TTATGGATGCTGTGTGATCAAAAAATACAGTTTGACAGAGCAATGAATGATGGCAAATCCATTTGGCTG
 ATTCACTGTGTACAGGAATCACAGCGCTTAATGGCATAGAAGGTGATACAGGAAAGCAGTCTACTGCA
 GGCTCAGAACCAATGACAGAGGCACACAAGCTACTACAGAAGTTGCTGACGTAAGTGTGAGAAGCTAAAG
 AACACAGAAATGGTCATCAGTGTCTCCTATCGGTGGCAGAGCTGTACTGGCGATCTTCGTCGCCGACCA
 TGCCATGCCTGTCTCTGGAAGCTCTGGCCCTCTCAAAGAATACCGATTGCAGTACTTGGCCTCCGA
 AACTGTGCTCAACTTGGCTTATGCCAGGCCTAACCTTCTCCACATGGCTATCGAGCCATCCTAGCC
 GACGGGGCTGTCTGGACAAAGGTGCTGCCATGTTCTTAGTGTCCAAGTGCCAAGTGGCTTCGGCAGCGT
 CCTATGACCCAGTGAAGAAAGCGGAAGCTCTGGAAGCTGCCATTGAGAACCTCAGTGAAGCCAAGAACTA
 CTTTGCACAAGTCGACTGCAGAGAGCGCATCAGGGATGTTGCTTACTTCCAGGCCAGGCTGTACCACGCT
 CTTGGCAAGACCCAGGAGAGGAACCATGTGCCATGATCTCCGGCAGCTGCACCAGGAGTTGCCCGCCC
 ATGGGGTGCCTTGATTAACCACCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001289518

Insert Size: 2199 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.
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001289518.1, NP_001276447.1</u>
RefSeq Size:	2766 bp
RefSeq ORF:	2199 bp
Locus ID:	59008
Cytogenetics:	5 F
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (d) is shorter than isoform a.</p>