

Product datasheet for **MG210765**

Anapc4 (NM_024213) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Anapc4 (NM_024213) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Anapc4
Synonyms:	2610306D21Rik; APC4; D5Ertd249e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG210765 representing NM_024213
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGCTTTCCGACCTGTTCCCATCCTTTCCGGTGGTGGGAGAGAAGCAGCTGCCACAGGAGATTA
 TTTTCTTGGCCTGGTCCCCAAGCGAGACTCATTGCTTTGGCCAACACTACAGGCGAGGTTTTGCTGCA
 TCGCCTTGCAAGTTTTTCATCGAGTTTGGAGTTCCACCACAAATGAAAGTACAGGAAAAAGTGGACCTGC
 TTGGCCTGGAGACCAGACGGCAAACCTTTTGGCCTTTGCTCTTGGGATACCAAGAAAATTTTTGTGTG
 ATGTAGAAAAGCCTGAAAGCTTACACTCCTTCTGTGGAGGCTCCGGTCTTTGTATGCATTGGACAGA
 AGTGACTGTGAAAGCAGTGTTTAACATCGTTTTATAATGCTGAGGATGAGTCCAATCTTCTTTGCCCT
 AAGCTGCCACATTGCCAAAAAATTACAACAGCACCTCAAAAATATTTAGTGAAGAAAATCTGATGAAA
 TTATCAAGCTCTGGGAGATGTCAGGCTGAACATCCTTGTCTTGGAGGAAGCTCTGGATTTATTGAGCT
 TTATGCTTATGGGATGTTCAAAATTGCCGAGTAACAGGGATTGCCGGAATTGTATTGCTGTGTTTA
 TCAAGTGATTTGAAGTCAATATCAGTGGTCACAGAGGTTTCCAGCGGTGGCGAATCAGAAGTTTCATATT
 TTCAGCTTGAAACCAATCTGCTGTATTCTTCTTACCTGAAGTAACTCGTATGGCCAGGAAGTTTACTCA
 CATTTCAGCTCTTACAGTATATAAATTTGCTACTGACATGTATGTGTGAAGCATGGGAAGAAATCTG
 ATGCAGATGGACTCCCGTCTTACCAAGTTTGTACAGGAAAAACCTACAACCACGTCAGTGCAGGATGAGT
 TCATGCACTTGTCTGTGTGGGGAAAGCCAGTGTGAACCTCAGACTCTCCTGATGAACCAGTTAACAGT
 GAAGGGCTTAAAAAGCTTGGCCAGTCTATAGAGTCATCATATCCAGTATACAAAACTGGTTATAAGT
 CACTTACAGAGTGGCTCTGAGTCTTACTGTATCATTGAGTGAACCTAAAGGAATGGCTCATGGAAAC
 AAAAATACGAACCTCTAGGACTGGATGCTGCAGGCATTGAAGATGCTATTACTGCTGTGGGTTTTCAT
 CCTCAAAGCAAACGAACCTCTCCAAGTTATAGACAGTAGTATGAAAAAATCAAGGCATTTTTTCGGTGG
 CTGTATGTAGCAATGCTGAGAATGACAGAGGACCATGTGCTTCCCTGAGCTGAACAAGATGACTCAGAAGG
 ATATCACATTTGTGCTGAATTCCTCACTGAACATTTCAATGAGGCTCCAGACCTTTATAATAGGAAAGG
 AAAATACTTCAATGTTGAAAGAGTTGGTCAGTATTTGAAAGATGAAGACGACGACCTTGTGTACCCCTT
 AACACAGAAGGAAACCAGTGGTATGACTTCTCCAAAACAGCACCCACCTGAAAGAAAGTCTTTGCTGT
 TTCCTTATTACCCTCGAAAATCATTGCATTTTGTGAAAAGGCGGATGGAGAACGTTATTGATCAGTGTTT
 GCAAAAGCCAGCAGATGTAATTGGAAGATCGATGAATCAAGCAATTTGCATTCCATTATATAAAGATGCT
 AGGAGTATGGACTGTGCACGAAGATTGTTAAAATTCCTTTCTGTGGAATAATAAACTTCGAATCTTC
 ATTATCTTCTTTTACTATTTTAGAAGATTCGGTTTATAAAATGTGCATCTTAAGGAGACATACTGATAT
 TTCCCAATCTGTAAGTAATGGACTAATTGGTATTAATTTGGGAGCTTACATCTGCCTCAGCTGACAAG
 GTCAGAAGAAGCTTTACAGTTGTCTAGACGCCAGTTCTATGATGATGAGACTGTCACGGTCATCTGTA
 AGGACTCCATGGGACGTGAAGGGAGAGACAGGATTTTGGTTTCACTGTCCTTGGTGTATAACAG
 TGAAGATTCTGACGAATATGAGTTCACTGGGAGTTACTCGACAAGGCTTGACGAGCAGGGCAGCATTATC
 CCCACACGCACCATGCACTTTGAGAAACACTGGAGGCTGCTAGAAAGCATGAGAGCGCAGTATGTTGCTG
 GGAACGGCCTTCGAAAAGTGTCTGTGTGTTAAGTTCAAACCTCCGGCATGTGAGGGTGTGTTGAAATGGA
 CATCGATGATGAGTGGGAGATTGACGAGTCTTACAGCATGAGGAGGAGGCTGGCGGGAAGCCTGTGAAG
 ATCAAGGAGGAAGTGTGTCAGAGTCAGAGACAGAGGCTCACCAAGACGCTGCTGCCCTAGACCCGGACG
 TAGTCATCAAAGTGGAGAAACTGACCCTGAGTTGGACTCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG210765 representing NM_024213
Red=Cloning site Green=Tags(s)

MLRFPTCFPSFRVVGEKQLPQEIIIFLAWSPKRDLIALANTTGEVLLHRLASFHRVWSFPPNESTGKEVTC
LAWRPDGKLLAFALADTKKIILCDVEKPESLHSFSVEAPVSCMHWTEVTVESSVLT SFYNAEDESNNLLP
KLPTLPKNYNSTSKIFSEENSDEI IKLLGDVRLNILVLGGSSGFIELYAYGMFKIARVTGIAGTCIALCL
SSDLKSLSVVTEVSSGGESEVSYFQLETNLLYSFLPEVTRMARKFTHISALLQYINLSLTCMCEAWEEIL
MQMDSRLTKFVQEKPTTTSVQDEFMHLLWLGKASAEQTL LMNQLTVKGLKKGQSI ESSYSSIQKLVIS
HLQSGSESLLYHLSELKGMASWKQKYEPLGLDAAGIEDAITAVGSFILKANELLQVIDSSMKNFKAFFRW
LYVAMLRMTEDHVLPELNKMTQKDI TFVAEFLTEHFNEAPDLYNRKGKYFNVERVGQYLKDEDDDLVSP
NTEGNQWYDFLQNSTHLKESPLLPYYPRKSLHFVKRRMENVIDQCLQKPADVIGRSMNQAICIPLYKDA
RSMDCARRLLKFPFLWNNKTSNLHYLLFTILEDVYKMCILRRHTDISQSVSNLIGIKFGSFTSASADK
VRRSSYSCLDAQFYDDETVTVILKDSMGREGDRILVQLSLSLVYNSSEDSDEYEF TGSYSTRLDEQGSII
PTRTMHFEKHWLLESMRAQYVAGNLRKVSVLSSNLRHVRVFEMDIDDEWEIDESSDDEEEAGGKPKV
IKEEVLSESETEAHQDAAALDPDVVVIKVEKLDPELDS

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_024213.2](#), [NP_077175.1](#)

RefSeq Size: 2668 bp

RefSeq ORF: 2424 bp

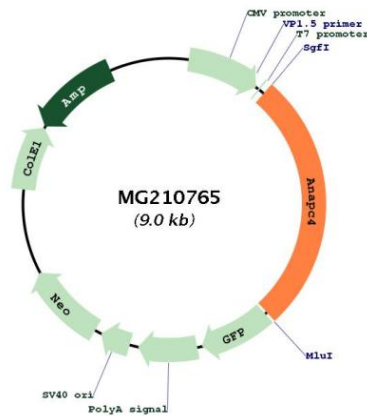
Locus ID: 52206

UniProt ID: [Q91W96](#)

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]

Product images:



Circular map for MG210765