

Product datasheet for **RC226883**

Apc5 (ANAPC5) (NM_001137559) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apc5 (ANAPC5) (NM_001137559) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Apc5
Synonyms:	APC5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC226883 representing NM_001137559
Red=Cloning site Blue=ORF Green=Tags(s)

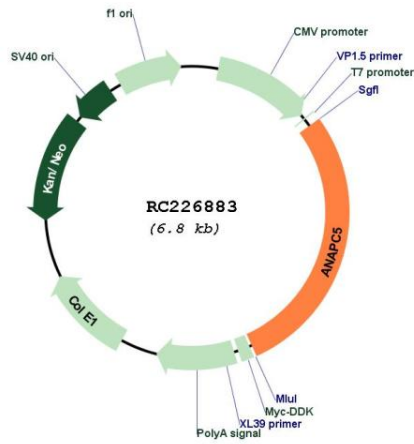
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGAAGCGGAGTTGAAGGATATGGAACAGTTTTTTGATGACCTTTCAGATTCTTCTCTGGAAGT
AACAGAGGTTACAAAAACAAGTGTAGTAGGTTTTGTTCTGCGTCACATGATCTTGGCCTACAGTAAGCT
TTCTTTACAGCAAGTGTTTAAACTGTACTGCCCCCAGCAGTACTTCCAGAATGGTGAAAAAGACA
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ATGCTCCTGCAGGCTCTGGCCCTCTCAAGGAGTACCGGTTACAGTACTGGCCTCTGAAACAGTGTGTA
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GCCCATCTTGGCTGACGGGGCTATCCTGGACAAAGGTCGTGCCATGTTCTTAGTGCCAAGTGCCAGGTG
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AAGCCAAGAACTATTTTGCAAAGTTGACTGCAAAGAGCGCATCAGGGAGCTCGTTACTTCCAGGCCAG
ACTCTACCATACCCTGGGAAGACCCAGGAGAGGAACCGGTGTGCGATGCTCTCCGGCAGCTGCATCAG
GAGCTGCCCTCTCATGGGTACCCTTGATAAACCATCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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:	NM_001137559.1 , NP_001131031.1
RefSeq ORF:	1932 bp
Locus ID:	51433
UniProt ID:	Q9UJX4
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis
MW:	72.3 kDa
Gene Summary:	<p>This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq, Nov 2008]</p>

Product images:



Circular map for RC226883