

Product datasheet for **RC203030A1V**

Human Apc5 (ANAPC5) (NM_016237) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Apc5 (ANAPC5) (NM_016237) AAV Particle
Tag:	Myc-DDK
Symbol:	ANAPC5
Synonyms:	APC5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC203030 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGCCAGCGTCCACGAGAGCCTCTACTTCAATCCCATGATGACCAATGGGGTTGTGCACGCCAATGTGT
TCGGCATCAAGGACTGGGTGACGCCGTACAAGATCGCGGTGCTGGTGCTGCTGAACGAGATGAGCCGCAC
AGGCGAGGGCGCCGTCAGCCTCATGGAGCGGCGGAGGCTCAACCAGCTGCTCCTGCCCTGCTGCAGGGC
CCAGATATTACACTGTCAAACTTTACAAGTTAATTGAAGAGTCTTGCCACAGCTGGCAAATTCAGTGC
AGATCAGAATCAAAGTATGGCTGAAGGCGAGTTGAAGGATATGGAACAGTTTTTGATGACCTTTCAGA
TTCTTTCTCTGGAAGTGAACGAGGTTCAAAAACAAGTGTAGTAGGTTTGTCTGCGTCACATGATC
TTGGCCTACAGTAAGCTTTCTTCAGCCAAGTGTAACTGTACACTGCCCTTCAGCAGTACTTCCAGA
ATGGTGAGAAAAAGACAGTGGAGGATGCTGATATGGAAGTACAGTATGAGAGTGGGTTGAAAGAAAAAT
GGAAAAAGAAGAACTTGATGTATCTGTAAAGAGAAGAGGAGGTATCTTGCAAGTGGGCTCTGTCCAAAAA
CAAGCAGAATTTTTCTTCTCAACAGGCTTCTTTGCTAAAGAATGATGAGACTAAGGCCCTCACTCCAG
CTTCCTTGAGAAGGAATTAACAATTTGTTGAAATTTAATCCTGATTTTGCTGAAGCGCATTATCTCAG
CTACTTAAACAACCTCCGTGTCCAAGATGTTTTAGTTCAACACACAGTCTCCTCCATTATTTGATCGT
CTGATTTTACCGGAGCCGAAAGCAAAAGTAATGGGGAAGAGGGCTATGGCCGGAGCTTGAGATACGCCG
CTCTGAATCTTGCCGCCCTGCACTGCCGCTTCGGTCACTATCAACAGGCGAGAGCTCGCCCTGCAGGAGGC
AATTAGGATTGCCAGGAGTCCAACGATCACGTGTGTCTCCAGCACTGTTGAGCTGGCTTTATGTGCTG
GGGAGAGAGATCCGATAGCTATGTTCTGCTGGAGCATTCTGTGAAGAAGGCAGTACATTTGGGTTAC
CGTACCTCGCTCCCTGGGAATACAGTCCCTTGTTCACAGAGAGCTTTGCTGGGAAGACGGCAAAACA
GCTGATGGATGCCCTAAAGGACTCCGACCTCCTGCACTGGAAACACAGCCTGTCAGAGCTCATCGATATC
AGCATCGCACAGAAAACGGCCATCTGGAGGCTGTATGGCCGACGACCATGGCACTGCAACAGGCCCAGA
TGTTGCTGAGCATGAACAGCCTGGAGGCGGTGAATGCGGGCGTGACGAGAGCAACACAGAGTCTTTGCT
TGTCGCACTCTGCCACCTCGCAGAGCTACACGCGGAGCAGGGCTGTTTGTGCTGCACTTCTGAAGTGTTA
AAGCACTTGAAGAACGATTTCCGCCTAATAGTCAGCAGCGCCAGTTATGGATGTTATGTGATCAAAAAA
TACAGTTTGACAGAGCAATGAATGATGGCAAATATCATTGGCTGATTCACTTGTACAGGAATCACAGC
TCTCAATAGCATAGAGGGTGTATAGGAAAGCGGTTGTATTACAAGCTCAGAACCAATGTCAGAGGCA
CATAAGCTTTTACAAAATTGTTGGTTCATTGTCAGAACTGAAGAACACAGAAATGGTGATCAGTGTCC
TACTGTCCGTGGCAGAGCTGTACTGGCGATCTTCTCCCTACCATCGCGCTGCCCATGCTCCTGCAGGC
TCTGGCCCTCTCAAGGAGTACCGGTTACAGTACTTGGCCTCTGAAACAGTGTGAACCTTGGCTTTTGGC
CAGCTCATTCTTGAATCCCAGAACAGGCCCTAAGTCTTCTCCACATGGCCATCGAGCCCATCTTGGCTG
ACGGGGCTATCTGGACAAAGGTCGTGCCATGTTCTTAGTGGCCAAGTGCAGGTGGCTTCAGCAGCTTC
CTACGATCAGCCGAAGAAAGCAGAAGCTCTGGAGGCTGCCATCGAGAACCTCAATGAAGCCAAGAAGTAT
TTTGCAAAGGTTGACTGCAAAGAGCGCATCAGGGACGTCGTTTACTTCCAGGCCAGACTTACCATACCC
TGGGGAAGACCCAGGAGAGGAACCGGTGTGCGATGCTCTTCCGGCAGCTGCATCAGGAGTGCCTCTCA
TGGGGTACCCTTGATAAACCATCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203030 protein sequence Red=Cloning site Green=Tags(s) MASVHESLYFNPMMTNGVVHANVFGIKDWVTPYKIAVLVLLNEMSRTGEGAVSLMERRRLNQLLLPLLQG PDITLSKLYKLIIEESCPQLANSVQIRIKLMAEGELKDMEQFFDDLSDSFSGTEPEVHKTSVVGLFLRHMI LAYSKLSFSQVFKLYTALQQYFQNGEKKTVEDADMELTSRDEGERKMEKEELDVSVEEEVSCSGPLSQK QAEFFLSQQASLLKNDETKALTPASLQKELNNLLKFNPDFAEAHYLSYLNLRVQDVFSSTHSLHLYFDR LILTGAESKSNAGEGYGRSLRYAALNLAALHCRFGHYQQAELALQEAIRIAQESNDHVCLQHCLSWLYVL GQKRSDSYVLLHESVKKAVHFGLPYLASLGIQSLVQQRAFAGKTANKLMDALKDSDLLHWKHSLSLIDDI SIAQKTAIWRLYGRSTMALQQAQMLLSMNSLEAVNAGVQQNNTESFAVALCHLAELHAEQGCFAAASEVL KHLKERFPNSQHAQLWMLCDQKIQFDRAMNDGKYHLADSLVTGITALNSIEGVYRKAVVLQAQNMSEA HKLLQKLLVHCQKLKNTMVISVLLSVAELYWRSSPTIALPMLLQALALSKEYRLQYLASETVLNLAFA QLILGIPEQALSLLHMAIEPILADGAILDKGRAMFLVAKCQVASAASYDQPKKAEALEAAIENLNEAKNY FAKVDCKERIRDVVFQARLYHTLGKTQERNRCAMLFRLHQELPSHGVPILNHL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016237
ORF Size:	2265 bp
Buffer:	PBS with 0.001% Pluronic F5396
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_016237.3, NP_057321.2</u>
RefSeq Size:	2625 bp
RefSeq ORF:	2268 bp
Locus ID:	51433
UniProt ID:	<u>Q9UJX4</u>
Cytogenetics:	12q24.31
MW:	85.1 kDa