

Product datasheet for **RC224973A1V**

Human **CDC23 (NM_004661) AAV Particle**

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	CDC23
Synonyms:	ANAPC8; APC8; CUT23
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC224973 representing NM_004661
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCTGCGAGTACCTCCATGGTCCCAGTGGCTGTGACGGCGCAGTGGCGCCTGTCTGTCCATAAACA
 GCGATTCTCAGATTTGCGGGAAATAAAAAGCAACTGCTGCTTATTGCGGGCCTTACCCGGGAGCGGGG
 CCTACTACACAGTAGCAAAATGGTCGGCGGAGTTGGCTTTCTCTCCCTGCATTGCCTCTGGCCGAGCTG
 CAACCGCCTCCGCCTATTACAGAGGAAGATGCCAGGATATGGATGCCTATACCCTGGCCAAAGCCTACT
 TTGACGTTAAAGAGTATGATCGGGCAGCACATTTCTGCATGGTGCATAGCAAGAAAGCCTATTTTCT
 GTATATGTATCCAGATATCTGTCTGGAGAAAAAAGAAGGACGATGAAACAGTTGATAGCTTAGGCCCC
 CTGAAAAAGGACAAGTAAAAATGAGCGCCTTAGAGAATTGAGAGTGGAGCTCAGCAAAAAACCAAG
 CTCGAGAACTTGATGGATTTGGACTTTATCTGTATGGTGTGGTCTTCGAAAACCTGGACTTGGTTAAGA
 GGCCATTGATGTGTTGTGGAAGCTACTCATGTTTGCCTTGCATTGGGGAGCCTGGTTAGAAGCTGT
 AACCTGATCACAGACAAAGAGATGCTGAAGTTCCTGTCTTTGCCAGACACTGGATGAAAGAGTTTTTTC
 TGGCTCATATACACAGAGTTGCAGTTGATAGAGGAGGCCCTGCAAAAGTATCAGAATCTCATTGATGT
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 AAAGCCCTCTCCATTTTAAATGAGCTAAGGAAACAAGCCCTTACAGGATTGAAAATATGGACACATTCT
 CCAACCTTCTTTATGTCAGGAGCATGAAATCGGAGTTGAGTTATCTGGCTCATAACCTCTGTGAGATTGA
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 GCCTTATATTTCCAGAGAGCCCTGAAATTAATCCTCGGTATCTTGGTGCCTGGACACTAATGGGACATG
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 GGACTACAGAGCTTGGTATGGCCTCGGGCAGACCTATGAAATCCTTAAGATGCCATTTACTGCCTTTAT
 TATTATAGACGGGCCACCAGCTTCGACCAATGATTCCTGCATGCTGGTTGCTTTAGGAGAATGTTACG
 AGAAACTCAATCACTAGTGAAGCCAAAAAGTGTATTGGAGAGCTTACGCCGTGGGAGATGTGGAGAA
 AATGGCTCTGGTGAACCTGGCAAGCTTCATGAACAGTTGACTGAGTCAGAACAGGCTGCCAGTGTAC
 ATCAAAATATCCAAGATATCTATTCTGTGGGAAATAGTAGAACACTTGGAGGAAAGCACTGCCTTTC
 GCTATCTGGCCAGTACTATTTAAGTCAAAGCTGTGGGATGAAGCTTCAACTGTGCACAAAAGTGTG
 TGCATTTAATGATACCCGGGAAGAAGGTAAGGCCTTACTCCGGCAAATCTACAGCTTCGGAACCAAGGC
 GAGACTCTACCACCGAGTGCCTGCTCCCTTTTCTACCTGCTTCACTCTGCTAACAAATACCCCA
 CACGAGAGTTTCTCACTCAACTGTCTTCTGTCACGCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224973 representing NM_004661
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MAASTMVPVAVTAAVAPVLSINSDFSDLREIKKQLLLIAGLTRERGLLHSSKWSAELAFSLPALPLAEL
 QPPPPITEEDAQDMDAYTLAKAYFDVKEYDRAAHFLHGCNSKKAYFLYMYSRYSGEKKKDDDETVDLSGP
 LEKGQVKNEALRELRLVELSKKHQARELDGFGLYLYGVVLRKLDLVKEAIDVFVEATHVPLPHWGAWLELC
 NLITDKEMLKFLSLPDTWMKEFFLAHIYTELQLEEEALQKYQNLIDVGFSSSYIVSQIAYAYHNIIRDID
 KALSIFNELRKQDPYRIENMDTFSNLLYVRSMKSELSYLAHNLCEIDKYRVETCCVIGNYYSLRSQHEKA
 ALYFQRALKLNPRYLGAWTLMGHEYMEMKNTSAAIQAYRHAIEVNRDYLRAWYGLGQTYEILKMPFYCLY
 YYRRAHQLRPNDSRMLVALGECYEKLNQLVEAKCYWRAYAVGDVEKMALVKLAKLHEQLTESEQAQCY
 IKYIQDIYSCGEIVHLEESTAFRYLAQYFKCKLWDEASTCAQKCCAFNDTREEGKALLRQILQRNQ
 ETPTTEVPAPFFLPASLSANNTPTRRVSPLNLSVTP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_004661

ORF Size:	1791 bp
Buffer:	PBS with 0.001% Pluronic F8891
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_004661.3</u>
RefSeq Size:	3169 bp
RefSeq ORF:	1794 bp
Locus ID:	8697
UniProt ID:	<u>Q9UJX2</u>
Cytogenetics:	5q31.2
MW:	68.7 kDa