

Product datasheet for **RC201066A1V**

Human Carbonic Anhydrase III (CA3) (NM_005181) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Carbonic Anhydrase III
Synonyms:	CAIII; Car3
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC201066 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCCAAGGAGTGGGGCTACGCCAGTCACAACGGTCCTGACCACTGGCATGAACCTTTCCCAAATGCCA
AGGGGAAAAACAGTCGCCATTGAGCTGCATACTAAAGACATCAGGCATGACCCTTCTCTGCAGCCATG
GTCTGTGTCTTATGATGGTGGCTCTGCCAAGACCATCCTGAATAATGGGAAGACCTGCCGAGTTGTATTT
GATGATACTTATGATAGGTCAATGCTGAGAGGGGGTCTCTCCCTGGACCCTACCGACTTCGCCAGTTTC
ATCTTCACTGGGGCTCTTCGGATGATCATGGCTCTGAGCACACCGTGGATGGAGTCAAGTATGCAGCGGA
GCTTCATTTGGTTCCTGGAACCCGAAGTATAACACTTTTAAAGAAGCCCTGAAGCAGCGCATGGGATC
GCTGTGATTGGCATTCTTCTGAAGATAGGACATGAGAATGGCGAGTTCAGATTTTCCTTGATGCATTGG
ACAAGATTAAGACAAAGGGCAAGGAGGCGCCCTTCACAAAGTTTGACCATCCTGCCTGTTCCCGGCATG
CCGGGACTACTGGACCTACCAGGGCTCATTCACCACGCCGCCCTGCGAGGAATGCATTGTGTGGCTGCTG
CTGAAGGAGCCCATGACCGTGAGCTCTGACCAGATGGCCAAGCTGCGGAGCCTCCTCTCAGTGCTGAGA
ACGAGCCCCCAGTGCCTCTTGTGAGCAACTGGCGACCTCCACAGCCTATCAATAACAGGGTGGTGAGAGC
TTCCTTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC201066 protein sequence Red=Cloning site Green=Tags(s) MAKEWGYASHNGPDHWHELFNPAKGENQSPIELHTKDIRHDPQLPWSVSYDGGSAKTILNNGKTCRVVF DDTYDRSMLRGGPLPGPYRLRQFHLHWGSSDDHGSEHTVDGVKYAAELHLVHWNPKYNTFKEALKQRDGI AVIGIFLKIGHENGEFQIFLDALDKIKTKGKEAPFTKFDPSCLFPACRDYWTYQGSFTTPPCEECIVWLL LKEPMTVSSDQMAKLRSLLSSAENEPVPLVSNWRPPQPINNRVVRASFK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005181
ORF Size:	780 bp
Buffer:	PBS with 0.001% Pluronic F68
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:	NM_005181.2
RefSeq Size:	1753 bp
RefSeq ORF:	783 bp
Locus ID:	761
UniProt ID:	P07451
Cytogenetics:	8q21.2
MW:	29.6 kDa