

Product datasheet for **RC209229A1V**

Human Carbonic Anhydrase IV (CA4) (NM_000717) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Carbonic Anhydrase IV (CA4) (NM_000717) AAV Particle
Tag:	Myc-DDK
Symbol:	Carbonic Anhydrase IV
Synonyms:	CAIV; Car4; RP17
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209229 representing NM_000717 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGGATGCTGCTGGCGCTCCTGGCCCTCTCCGCGGCGCGGCCATCGGCCAGTGCAGAGTCACACTGGT
GCTACGAGGTTCAAGCCGAGTCCTCCAACCTACCCCTGCTTGGTGCCAGTCAAGTGGGGTGGAACTGCCA
GAAGGACCGCCAGTCCCCATCAACATCGTCACCACCAAGGCAAAGGTGGACAAAAAAGTGGGACGCTTC
TTCTTCTCTGGCTACGATAAGAAGCAAACGTGGACTGTCCAAAATAACGGGCACTCAGTGATGATGTTGC
TGGAGAACAAAGGCCAGCATTTCTGGAGGAGGACTGCCTGCCCATACAGGCCAAACAGTTGCACCTGCA
CTGGTCCGACTTGCCATATAAGGGCTCGGAGCACAGCCTCGATGGGGAGCACTTTGCCATGGAGATGCAC
ATAGTACATGAGAAAGAGAAGGGGACATCGAGGAATGTGAAAGAGGCCAGGACCTGAAGACGAAATTG
CGGTGCTGGCCTTTCTGGTGGAGGCTGGAACCCAGGTGAACGAGGGCTTCCAGCCACTGGTGGAGGCACT
GTCTAATATCCCCAAACCTGAGATGAGCACTACGATGGCAGAGAGCAGCCTGTTGGACCTGCTCCCCAAG
GAGGAGAACTGAGGCACTACTTCCGCTACCTGGGCTCACTCACCACACCGACCTGCGATGAGAAGGTGCG
TCTGGACTGTGTTCCGGGAGCCATTACGCTTCACAGAGAACAGATCCTGGCATTCTCTCAGAAGCTGTA
CTACGACAAGGAACAGACAGTGAGCATGAAGACAATGTCAGGCCCTGCAGCAGCTGGGGCAGCGCACG
GTGATAAAGTCCGGGGCCCCGGGTGGCCGCTGCCCTGGGCCCTGCCTGCCCTGCTGGGGCCCATGCTGG
CCTGCCTGCTGGCCGGCTTCTGCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC209229 representing NM_000717 Red=Cloning site Green=Tags(s) MRMLALLALSARPSASAESHWCYEVQAESSNYPCLVPVKWGGNCQKDRQSPINIVTTKAKVDKKLGRF FFSGYDKKQWTWVQNNGHSVMMLLENKASISGGGLPAPYQAKQLHLHWSLDPYKGSEHSLDGEHFAMEMH IVHEKEKGTSRNVKEAQDPEDEIAVLAFLEAGTQVNEGFQPLVEALSNIPKPEMSTTMAESSLLDLLPK EEKLRHYFRYLGSLTTPTCDEKVVWTVFREPIQLHREQILAFSQKLYYDKEQTVSMKDNVRPLQQLGQRT VIKSGAPGRPLPWALPALLGPMLACLLAGFLR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000717
ORF Size:	936 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:	<u>NM_000717.2</u>
RefSeq Size:	1104 bp
RefSeq ORF:	939 bp
Locus ID:	762
UniProt ID:	<u>P22748</u>
Cytogenetics:	17q23.1
MW:	35.03 kDa