

Product datasheet for **RC206503A1V**

Human Carbonic Anhydrase XIV (CA14) (NM_012113) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Carbonic Anhydrase XIV (CA14) (NM_012113) AAV Particle
Tag:	Myc-DDK
Symbol:	Carbonic Anhydrase XIV
Synonyms:	CAXiV
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206503 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTGTTCTCCGCCCTCCTGCTGGAGGTGATTTGGATCCTGGCTGCAGATGGGGTCAACACTGGACGT
ATGAGGGCCACATGGTCAGGACCATTGGCCAGCCTCTTACCCTGAGTGTGAAACAATGCCAGTCGCC
CATCGATATTCAGACAGACAGTGTGACATTTGACCCTGATTTGCCTGCTCTGCAGCCCCACGGATATGAC
CAGCCTGGCACCAGCCCTTTGGACCTGCACAACAATGGCCACACAGTGCAACTCTCTGCCCCTCTACCC
TGTATCTGGGTGGACTTCCCCGAAAATATGTAGCTGCCAGCTCCACCTGCACTGGGGTCAGAAAGGATC
CCCAGGGGGTCAAGAACACAGATCAACAGTGAAGCCACATTTGCAGAGCTCCACATTGTACATTATGAC
TCTGATTCCTATGACAGCTTGAGTGAGGCTGCTGAGAGGCCTCAGGGCCTGGCTGTCTGGGCATCCTAA
TTGAGGTGGGTGAGACTAAGAATATAGCTTATGAACACATTCTGAGTCACTTGATGAAGTCAGGCATAA
AGATCAGAAGACCTCAGTGCCTCCCTTCAACCTAAGAGAGCTGCTCCCCAACAGCTGGGGCAGTACTTC
CGCTACAATGGCTCGCTCACAACCTCCCTTGTACCAGAGTGTGCTCTGGACAGTTTTTTATAGAAGGT
CCCAGATTTCAATGGAACAGCTGGAAAAGCTTCAGGGGACATTGTTCTCCACAGAAGAGGAGCCCTCTAA
GCTTCTGGTACAGAACTACCGAGCCCTTCAGCCTCTCAATCAGCGCATGGTCTTTGCTTCTTTCATCCAA
GCAGGATCCTCGTATACCACAGGTGAAATGCTGAGTCTAGGTGTAGGAATCTTGTTGGCTGTCTCTGCC
TTCTCCTGGCTGTTTATTTCATTGCTAGAAAGATTGGAAGAAGAGGCTGAAAACCGAAAGAGTGTGGT
CTTCACCTCAGCACAAGCCACGACTGAGGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence:	>RC206503 protein sequence Red=Cloning site Green=Tags(s) MLFSALLLEVIWILAADGGQHWTYEGPHGQDHPASYPECGNNAQSPIDIQTDSVTFDLPALQPHGYD QPGTEPLDLHNNGHTVQLSLPSTLYLGGPRKYVAAQLHLHWGQKGGSPGGSEHQINSEATFAELHIVHYD SDSYDSLSEAAERPQGLAVLGILIEVGETKNIAYEHILSHLHEVRHKDQKTSVPPFNLRELLPKQLGQYF RYNGSLTTPPCYQSVLWTVFYRRSQISMEQLEKLQGTLFSTEEPSKLLVQNYRALQPLNQRMVFASFIQ AGSSYTTGEMLSLGVGILVGCLCLLLAVYFIARKIRKKRLENRKSVMFTSAQATTEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012113
ORF Size:	1011 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_012113.1</u>
RefSeq Size:	1757 bp
RefSeq ORF:	1014 bp
Locus ID:	23632
UniProt ID:	<u>Q9ULX7</u>
Cytogenetics:	1q21.2
MW:	37.7 kDa