

Product datasheet for **RC208252A1V**

Human ADA2 (NM_017424) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ADA2 (NM_017424) AAV Particle
Tag:	Myc-DDK
Symbol:	ADA2
Synonyms:	ADA2; ADGF; IDGFL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC208252 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTGGTGGATGGCCCATCTGAGCGGCCAGCCCTGTGCTTCTTGCTGTTGGCTGTGGCAATGTCTTTCT
 TCGGCTCAGCTCTATCCATAGATGAAACACGGGCGCATCTGTTGTTGAAAGAAAAGATGATGCGGCTCGG
 GGGCGGCTGGTCTGAACACCAAGGAGGAGCTGGCCAATGAGAGGCTCATGACGCTCAAAATCGCTGAG
 ATGAAGGAGGCCATGAGGACCCTGATATTCCCACCCAGCATGCACTTTTTCCAGGCCAAGCATCTCATTG
 AGAGAAGTCAAGTGTAAATATTCTAAGGATGATGCCAAAAGGGGCTGCCTTGACCTCCATGACATTGG
 CATCGTACTATGGACTGGTGGTGAAGATGTACCTACAGGCTCACTGCCACATCTGTTTACCCCCA
 AGGGGATCATGCAGTTCAGATTGCTCACCAACTCCCGTCCATCAGAAAAATGTTCCAAGTGGATTG
 TGCTGGAGGATTATCGGAAGCGGGTGCAGAACGTCACTGAGTTTGATGACAGCTTGCTGAGGAATTTAC
 TCTGGTACCCAGCACCCGAGGTGATTACACAAACCAAAATGTTGTCTGGTCGAAATTTGAAACCATC
 TTCTTACCATCTCTGGTCTCATCCATTACGCACCAAGTGTTCAGAGACTATGTCTCCGGAGCATGCAGG
 AGTTCTACGAGGACAACGTGCTCTACATGGAGATCAGAGCCAGGCTGCTGCCGGTGTATGAGCTCAGTGG
 AGAGCACCATGACGAAGAGTGGTCAAGAGCTTACCAGGAAGTAGCTCAGAAGTTTGTGGAACTCAC
 CCTGAGTTTATTGGAATCAAAATCATTTATTCGGATCAGATCCAAAGATGTGGCTGTCTCGCAGAAT
 CCATCCGAATGGCCATGGGGCTCCGAATCAAGTTCCCCACGGTGGTGGCAGGGTTTGACCTGGTGGGCA
 TGAGGACACTGGCCACTCCTTGATGACTACAAGGAAGCTCTGATGATCCCCGCCAAGGATGGCGTTAAG
 CTGCCCTACTTCTTCCACGCCGAGAGAAACAGACTGGCAGGGTACTTCCATAGACAGGAACATTCTGGATG
 CTCTGATGCTGAACACTACCAGAATCGGCCATGGATTGCTTTGAGCAACACCCGCACTCAGGACTTA
 CTCCTGGAAAAAGGACATCCCATAGAACTCTGTCCCATCTCTAACCAGGTGCTGAAACTGGTGTCTGAC
 TTGAGGAACACCCTGTAGCCACTCTGATGGCCACTGGGCACCCCATGGTATCAGCTCTGATGACCCAG
 CTATGTTTGGTGCCAAAGGCTTGTCTACGATTCTATGAGGTCTTATGGGCATTGGGGGATGAAGGC
 TGACCTGAGGACCCTCAACAGCTGGCCATGAAGTCTATCAAGTACAGTACCCTGTTGGAGAGTGAGAAA
 AATACTTTTATGGAAATCTGGAAGAAGAGATGGGATAAGTTCATAGCAGATGTGGCTACAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208252 protein sequence
 Red=Cloning site Green=Tags(s)

MLVDGPSEPALCFLLLAVAMSFSGSALSIDETRAHLLLKEKMMRLGGRLVLNTKEELANERLMTLKIAE
 MKEAMRTLIFPPSMHFFQAKHLIERSQVFNLRMPKGAALHLHDIGIVTMDWLVRNVYRPHCHICFTP
 RGIMQFRFAHPTPRPSEKCSKWILLEDRKRVQNVTEFDDSLRNFTLVQHPVEIYTNQNVVWSKFETI
 FFTISGLIHYAPVFRDYVFRSMQEFYEDNVLMEIRARLLPVYELSGEHHDEEWSVKTYQEVAQKFVETH
 PEFIGIKIISDHRKDVAVIAESIRMAMGLRIKFPTTVAGFDLVGHEDTGHSLHDYKEALMIPAKDGVK
 LPYFFHAGETDWQGSIDRNILDALMLNTTRIGHGFALSKHPALRTYSWKDIPIEVCPISNQVLKLVSD
 LRNHPVATLMATGHPMVISDDPAMFGAKGLSYDFYEVFMGIGMKADLRLTKQLAMNSIKYSTLLESEK
 NTFMEIWKRWKFIADVATK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017424

ORF Size:

1533 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_017424.2, NP_059120.2</u>
RefSeq Size:	3947 bp
RefSeq ORF:	1535 bp
Locus ID:	51816
Cytogenetics:	22q11.1
MW:	58.9 kDa