

Product datasheet for **RC238064A1V**

Human Adenosine Receptor A2a (ADORA2A) (NM_001278498) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Adenosine Receptor A2a (ADORA2A) (NM_001278498) AAV Particle
Tag:	Myc-DDK
Symbol:	Adenosine Receptor A2a
Synonyms:	A2aR; ADORA2; RDC8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC238064 representing NM_001278498 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCATCATGGGCTCCTCGGTGTACATCACGGTGGAGCTGGCCATTGCTGTGCTGGCCATCTGGGCA
ATGTGCTGGTGTGCTGGGCCGTGGGCTCAACAGCAACCTGCAGAACGTCACTACTTTGTGGTGTC
ACTGGCGGGCCGACATCGCAGTGGGTGTGCTCGCCATCCCCTTGCCATCACCATCAGCACCGGGTTC
TGGCTGCCTGCCACGGCTGCCTCTTCATTGCCTGCTTCGTCTGGTCTCACGCAGAGCTCCATCTTCA
GTCTCTGGCCATCGCCATTGACCGCTACATTGCCATCCGCATCCCGCTCCGGTACAATGGCTTGGTGAC
CGGCACGAGGGCTAAGGGCATCATTGCCATCTGCTGGGTGTGCTGTTGCCATCGGCCTGACTCCCATG
CTAGGTTGGAACAACGCGTCAAGCAAGGAGGGCAAGAACCCTCCAGGGCTGCGGGGAGGGCCAAG
TGGCCTGTCTTTGAGGATGTGGTCCCATGAACTACATGGTGTACTTCAACTTCTTTGCTGTGCT
GGTGCCCTGTGCTCATGCTGGGTGTCTATTTGCGGATCTTCTGGCGCGGACGACAGCTGAAGCAG
ATGGAGAGCCAGCCTCTGCCGGGGAGCGGGCACGGTCCACACTGCAGAAGGAGGTCCATGCTGCCAAGT
CACTGGCCATCATTGTGGGGCTCTTTGCCCTCTGCTGGCTGCCCTACACATCATCAACTGCTTCACTTT
CTTCTGCCCGACTGCAGCCAGCCCCCTCTGGCTCATGTACCTGGCCATCGTCTCTCCACACCAAT
TCGGTTGTGAATCCCTTCACTACGCCTACCGTATCCGCGAGTTCGCCAGACCTCCGCAAGATCATT
GCAGCCAGTCTGAGGAGCAAGAACCTTTCAAGGCAGCTGGCACAGTGCAGGGGCTTTGGCAGCTCA
TGGCAGTGACGGAGAGCAGGTCAGCCTCCGTCTCAACGGCCACCCGCCAGGAGTGTGGGCAACGGCAGT
GCTCCCCACCCTGAGCGGAGGCCAATGGCTATGCCCTGGGGTGGTGTGAGTGGAGGGAGTGCCCAAGAGT
CCCAGGGGAACACGGGCTCCAGACGTGGAGCTCCTTAGCCATGAGCTCAAGGGAGTGTGCCAGAGCC
CCCTGGCTAGATGACCCCTGGCCAGGATGGAGCAGGAGTGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC238064 representing NM_001278498 Red=Cloning site Green=Tags(s)</p> <p>MPIMGSSVYITVELAIAVLAILGNLVCWAVWLNLSNLQNVNTNYFVVSLLAAADIAVGVLAIPFAITISTGF CAACHGCLFIACFVLVLTQSSIFSLLAIAIDRYIAIRIPLRYNGLVTGTRAKGIIAICWLSFAIGLTPM LGWNNCGQPKEGKNHSQCGEGQVACLFEDEVPMNYMVYFNFFACVLVPLLLMLGVYLRIFLAARRQLKQ MESQPLPGERARSTLQKEVHAAKSLAIIVGLFALCWLPPLHIINCFTFPCDCSHAPLWMLYLAIVLSHTN SVVNPFIYAYRIREFRQTFRKIIRSHVLRQQEPFKAAGTSARVLAAHGSDGEQVSLRLNGHPPGVWANGS APHPERRPNGYALGLVSGGSAQESQNTGLPDVELLSHELKGVCPPEPGLDDPLAQDGAGVS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001278498
ORF Size:	1236 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_001278498.1</u> , <u>NP_001265427.1</u>
RefSeq Size:	2648 bp
RefSeq ORF:	1239 bp
Locus ID:	135
UniProt ID:	<u>P29274</u>
Cytogenetics:	22q11.23
MW:	44.7 kDa