

## Product datasheet for **RC238065A1V**

### Human Adenosine Receptor A2a (ADORA2A) (NM\_001278499) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Adenosine Receptor A2a (ADORA2A) (NM\_001278499) 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:** >RC238065 representing NM\_001278499  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGGATCGCC

ATGCCATCATGGGCTCCTCGGTGTACATCACGGTGGAGCTGGCCATTGCTGTGCTGGCCATCTGGGCA  
ATGTGCTGGTGTGCTGGGCCGTGGGCTCAACAGCAACCTGCAGAACGTCACTACTTTGTGGTGTC  
ACTGGCGGGCCGACATCGCAGTGGGTGTGCTCGCCATCCCCTTGCCATCACCATCAGCACCGGGTTC  
TGGCTGCCTGCCACGGCTGCCTCTTCATTGCCTGCTTCGTCTGGTCCACGCAGAGCTCCATCTTCA  
GTCTCTGGCCATCGCCATTGACCGCTACATTGCCATCCGCATCCCGCTCCGGTACAATGGCTTGGTGAC  
CGGCACGAGGGCTAAGGGCATCATTGCCATCTGCTGGGTGTGCTGTTGCCATCGGCCTGACTCCCATG  
CTAGGTTGGAACAACGCGTCAAGCAAGGAGGGCAAGAACCCTCCAGGGTGGGGGAGGGCCAAG  
TGGCCTGTCTTTGAGGATGTGGTCCCATGAACTACATGGTGTACTTCAACTTCTTTGCTGTGCT  
GGTGCCCTGTGCTCATGCTGGGTGTCTATTTGCGGATCTTCTGGCGCGGACGACAGCTGAAGCAG  
ATGGAGAGCCAGCCTCTGCCGGGGAGCGGCACGGTCCACACTGCAGAAGGAGGTCCATGCTGCCAAGT  
CACTGGCCATCATTGTGGGCTCTTTGCCCTCTGCTGGCTGCCCTACACATCATCAACTGCTTCACTTT  
CTTCTGCCCGACTGCAGCCAGCCCCCTCTGGCTCATGTACCTGGCCATCGTCTCTCCACACCAAT  
TCGGTTGTGAATCCCTTTCATCTACGCCTACCGTATCCGCGAGTCCGCCAGACCTCCGCAAGATCATT  
GCAGCCAGTCTGAGGAGCAAGAACCTTTCAAGGCAGCTGGCACCAGTGCCCGGGTCTTGGCAGCTCA  
TGGCAGTGACGGAGAGCAGGTCAGCCTCCGTCTCAACGGCCACCCGCCAGGAGTGTGGCCAACGGCAGT  
GCTCCCCACCCTGAGCGGAGGCCAATGGCTATGCCCTGGGGTGGTGTGAGTGGAGGGAGTGCCAAGAGT  
CCCAGGGGAACACGGGCTCCAGACGTGGAGCTCCTTAGCCATGAGCTCAAGGGAGTGTGCCAGAGCC  
CCCTGGCTAGATGACCCCTGGCCAGGATGGAGCAGGAGTGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Protein Sequence:</b>	<p>&gt;RC238065 representing NM_001278499  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MPIMGSSVYITVELAIAVLAILGNLVCWAVWLNLSNLQNVNTNYFVVSLLAAADIAVGVLAIPFAITISTGF          CAACHGCLFIACFVLVLTQSSIFSLLAIAIDRYIAIRIPLRYNGLVTGTRAKGIIAICWLSFAIGLTPM          LGWNNCGQPKEGKNHSQCGEGQVACLFEDEVPMNYMVYFNFFACVLPVLLMLGVYLRIFLAARRQLKQ          MESQPLPGERARSTLQKEVHAAKSLAIIIVGLFALCWLPPLHIINCFVFCPCSHAPLWMLYLAIVLSHTN          SVVNPFIYAYRIREFRQTFRKIIRSHVLRQQEPFKAAGTSARVLAAHGSDGEQVSLRLNGHPPGVWANGS          APHPERRPNGYALGLVSGGSAQESQGNTGLPDVELLSHELKGVCPPEPGLDDPLAQDGAGVS</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI</span><span style="color: green;">SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001278499
<b>ORF Size:</b>	1236 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001278499.1</a></u> , <u><a href="#">NP_001265428.1</a></u>
<b>RefSeq Size:</b>	2563 bp
<b>RefSeq ORF:</b>	1239 bp
<b>Locus ID:</b>	135
<b>UniProt ID:</b>	<u><a href="#">P29274</a></u>
<b>Cytogenetics:</b>	22q11.23
<b>MW:</b>	44.7 kDa