

## Product datasheet for RC215225A1V

### Human PAICS (NM\_006452) AAV Particle

#### Product data:

Product Type: AAV Particles  
Product Name: Human PAICS (NM\_006452) AAV Particle  
Tag: Myc-DDK  
Symbol: PAICS  
Synonyms: ADE2; ADE2H1; AIRC; PAIS  
Mammalian Cell Selection: None  
Vector: pAAV-AC-Myc-DDK (PS100089)  
ORF Nucleotide Sequence: >RC215225 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGACAGCTGAGGTACTGAACATTGGTAAAAAATTATGAGGGTAAAACAAAAGAAGTCTACGAAT  
TGTTAGACAGTCCAGGAAAAGTCCTCCTGCAGTCCAAGGACCAGATTACAGCAGGAAATGCAGCTAGAAA  
AAACCACCTGGAAGGAAAAGCTGCAATCTCAAATAAAATCACCAGTTGTATTTTCAGTTATTACAGGAA  
GCAGGTATTAATAAAGTGCCTTACCAGAAAATGTGGGGAGACAGCTTTTCATTGCACCGCAGTGTGAATGA  
TTCCAATTGAATGGGTTTGCAGAAGAATAGCAACTGGTCTTTTTCTCAAAGAAAATCCTGGTGTCAAGGA  
AGGATATAAGTTTTACCACCTAAAGTGGAGTTGTTTTCAAGGATGATGCCAATAATGACCCACAGTGG  
TCTGAGGAACAGCTGATTGCTGCAAAATTTTGCTTTGCTGGACTTCTTATAGGCCAGACTGAAGTGGATA  
TCATGAGTCATGCTACACAGGCTATATTTGAAATACTGGAGAAAATCCTGGTTGCCCCAGAATTGTACACT  
GGTTGATATGAAGATTGAATTTGGTGTGATGTAACCACCAAAGAAAATGTTCTTGCTGATGTTATTGAC  
AATGATTCCTGGAGACTCTGGCCATCAGGAGATCGAAGCCAACAGAAAGACAAACAGTCTTATCGGGACC  
TCAAAGAAGTAACCTCTGAAGGGCTCCAAATGGTAAAGAAAAACTTTGAGTGGGTTGCAGAGAGAGTAGA  
GTTGCTTTTGAATCAGAAAGTCAGTGCAGGGTTGTAGTGTGATGGGCTCTACTTCTGATCTTGGTCAC  
TGTGAAAAAATCAAGAAGGCCTGTGAAATTTTGGCATTCCATGTGAACCTCGAGTAACATCTGCGCATA  
AAGACCAGATGAACTCTGAGGATTAAGCTGAGTATGAAGGGGATGGCATTCTACTGTATTTGTGGC  
AGTGGCAGGCAGAAGTAATGTTTTGGGACCAGTGTCTGGGAACACTGCATATCCAGTTATCAGCTGT  
CCTCCCCTCACACCAGACTGGGGAGTTCAGGATGTGTGGTCTTCTCTTCGACTACCCAGTGGTCTTGGCT  
GTTCAACCGTACTTTCTCCAGAAGGATCAGCTCAATTTGCTGCTCAGATATTTGGGTTAAGCAACCATTT  
GGTATGGAGCAAATCGCAGCAAGCATTTTGAACACATGGATTTCTTGAAGCAGGCTGACAAGAAAATC  
AGAGAATGTAATTTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC215225 protein sequence Red=Cloning site Green=Tags(s)  MATAEVLNIGKKLYEGKTKEVYELLDSPGKVLVLSKQDQITAGNAARKNHLEGKAAISNKITSCIFQLLQE AGIKTAFTRKCGETAFAIAPQCEMPIEWVCRRIATGSFLKRNPQVKEGYKFPYPPKVELFFKDDANNPQW SEEQLIAAKFCFAGLLIGQTEVDIMSHATQAI FEILEKSWLPQNCTLVDMKIEFGVDVTTKEIVLADVID NDSWRLWPSGDRSQKDKQSYRDLKEVTPEGLQMVKNFEWVAERVELLLKSESQCRVVVLMGSTDLGH CEKIKKACGNFGIPCELRVTS AHKGPDETLRIKAEYEGDGIPTVFVAVAGRSNGLGPVMSGNTAYPVISC PPLTPDWGVQDVWSSLRLPSGLGCSTVLSPEGSAQFAAQIFGLSNHLVWSKLRASILNTWISLKQADKKI RECNL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_006452
<b>ORF Size:</b>	1275 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>	<a href="#">NM_006452.2</a>
<b>RefSeq Size:</b>	3350 bp
<b>RefSeq ORF:</b>	1278 bp
<b>Locus ID:</b>	10606
<b>UniProt ID:</b>	<a href="#">P22234</a>
<b>Cytogenetics:</b>	4q12
<b>MW:</b>	47.1 kDa