

Product datasheet for **RC204658A1V**

Human CDKN2AIP (NM_017632) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CDKN2AIP (NM_017632) AAV Particle
Tag:	Myc-DDK
Symbol:	CDKN2AIP
Synonyms:	CARF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204658 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGGAGGTGTCGGAGTACCTGAGCCAGAACCCGCGGGTGGCAGCCTGGGTGGAGGCGCTGCGCT
 GCGACGGCGAGACTGACAAACACTGGCGCCACCGCCGGGATTTTTGCTTCGCAACGCCGGGACCTGGC
 CCCCCTGGCGCGCTGCTCCGCTAGCACGGATGAAGCTGCCGACGCCGAGAGCGGGACCCGAAACCGG
 CAGCTGCAGCAGCTCATCTCCTTTCCATGGCTGGGCGAACACGTCTTCTCGGGTGGCGATACCCCTC
 AAAAAGTTATGGATAAAATACTTAGTATGGCTGAAGGCATCAAAGTGACAGATGCTCAAACCTATACAAC
 AAGAGATGAAGTGGTGGCAAGGTGAAGAAAAGAGGGATATCGAGTAGCAATGAAGGGTGAAGAGCCA
 TCCAAAAACGAGTTATAGAAGGAAAAACAGTTCTGCAGTTGAGCAAGATCACGAAAAACCTCTGCCA
 AGACAGAACGTGCATCAGCTCAGCAGGAAAACAGTTCAACGTGTATAGGGTCGGCCATCAATCAGAGAG
 TGGGAAGTCAAGTGGAGCTCTGGCATCTCCAGTCAGAATAGCTCTACAAGTGATGGAGATCGATCTGTT
 TCCAGCCAAAGCAGCAGCAGCGTTTCTCTCAGGTAACACGGCAGGATCTGGGAAAGCTTCTGAAGCAG
 AAGCTCCAGATAAACACGGTTCATCATTTGTTTCTTGCTGAAATCCAGTGTAATAGTCACATGACCCA
 ATCCACTGATTCTAGACAACAAAGTGGATCACCTAAAAAGAGTGCTTTGGAAGGCTCTTCAGCCTCAGCT
 TCTCAAAGCAGCTCAGAGATCGAGGTGCCCTTGTGGGCTCCTCAGGAAGCTCAGAGGTAGAATTGCCAC
 TATTGTCTTCCAAACCTAGTTTCAAGACAGCTTCAAGTGGGTTAACTTCCAAACCTAGTTTCAAGGCAAG
 TGTTTCATCATCAGTTGCTAAAAACAGTTCTCATCAGGCACATCCTTACTGACTCCCAAGAGCAGCTCT
 TCAACAAATACATCGCTGCTAACTTCCAAGAGCACTTCCAGGTAGCTGCATCACTACTAGCTTCCAAGA
 GCAGCTCCCAGACCAAGTGGATCTCTGGTTTCCAAAGCACTTCTTAGCAAGTGTCAGTTGGCTTC
 TAAGAGTAGTTCTCAGACTAGCACCTCACAGTTGCCTTCTAAAAGTACTTCACAGTCAAGTGAGAGTTCT
 GTCAAATTCTCTTGAAGTTAACCAATGAAGATGTGAAACAGAAGCAACCTTTTTTCAATAGACTATATA
 AAACGGTGGCATGGAAGTTGGTAGCTGTTGGTGGCTTTAGTCCCAATGTGAATCATGGAGAGCTCCTAA
 TGCAGCTATTGAGGCTCTGAAAGCAACACTGGATGATTTTTTGTCCCACTAAAAGAATTGGCAGATCTG
 CCTCAAATAAGAGCTCTCAAGAAAGTATTGTTTGTGAATTGAGGTGCAAGTCTGTGATTTGGGCACTG
 GCTGTGAAAAAGCAAGAAAAATGCAAAAGCAGTTGCATCAAGAGAAGCATTGAAGTTATTTCTCAAGAA
 AAAGGTGGTGGTAAAAATATGTAAAAGGAAATACAGAGGCAGTGAAATAGAAGATCTAGTACTCCTTGAT
 GAAGAATCGAGGCTGTAACTTACCTCCAGCACTAAACATCCTCAAGAATTACTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204658 protein sequence
 Red=Cloning site Green=Tags(s)

MAQEVSEYLQNPRVAWVEALRCDGETDKHWRHRRDFLLRNAGDLAPAGGAASASTDEADAESGTRNR
 QLQQLISFSMAWANHVFLGCRYPQKVMKDILSMAEGIKVTDAPTYTTRDELVAKVKKRGISSSNEGVEEP
 SKKRVIIEGKNSSAVEQDHAKTSAKTERASAQQENSSTCIGSAIKSESGNSARSSGISQNSSTSDGDRSV
 SSQSSSVSSQVTTAGSGKASEAEAPDKHGSSFVSLKSSVNSHMTQSTDSRQQSGSPKKSALLEGSSASA
 SQSSSEIEVPLLGSSGSSEVELPLLSSKPSSETASSGLTSKTSSEASVSSSVAKNSSSSGTSLLTPKSSS
 STNTSLLTSKSTSQVAASLLASKSSQTSGLVSKSTSLASVSQASKSSQTSQPLPSKSTSQSSESS
 VKFSCKLTNEDVKQKQPFNRLYKTVAWKLAVGGFSPNVNHGELLNAAIEALKATLDVFFVPLKELADL
 PQNKSSQESIVCELRCESVYLTGCGKSKENAKAVASREALKFLKKKVVKICKRKRYRGEIEDLVLLD
 EESRPVNLPPALKHPQELL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_017632
ORF Size:	1737 bp
Buffer:	PBS with 0.001% Pluronic F5595
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_017632.1</u>
RefSeq Size:	2391 bp
RefSeq ORF:	1743 bp
Locus ID:	55602
UniProt ID:	<u>Q9NXV6</u>
Cytogenetics:	4q35.1
MW:	61.1 kDa