

Product datasheet for **RC201330A1V**

Human DCP1A (NM_018403) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DCP1A (NM_018403) AAV Particle
Tag:	Myc-DDK
Symbol:	DCP1A
Synonyms:	HSA275986; Nbla00360; SMAD4IP1; SMIF
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201330 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCGCTGAGTCGAGCTGGGCAGGAGATGAGCCTAGCGGCCCTGAAGCAACACGACCCCTATATCA
 CCAGCATCGCAGACCTCACGGGCCAGGTCGCTCTGTACACCTTCTGCCCCAAGGCCAACCAGTGGGAGAA
 GACTGATATAGAAGGGACCTTATTTCGTATATCGAAGGTCAGCTTCCCCTTACCATGGTTTTACCATTTGTG
 AATCGACTAAATATGCACAATCTAGTTGAACAGTGAATAAAGATTTGGAATTTAGCTCCATGAACCAT
 TTCTTCTGTATAGAAATGCAAGCTTGTGATATATAGTATCTGGTTTTATGACAAGAATGACTGTCACCG
 CATAGCAAACTCATGGCTGATGTGGTAGAAGAGGAGACACGGCGATCCCAGCAAGCTGCTCGGGACAAA
 CAGAGTCCCAGCCAGGCCAATGGCTGCAGCGACCACAGGCCCATCGACATCCTGGAGATGCTGAGCAGAG
 CCAAGGATGAGTATGAGAGGAATCAGATGGGTGACTCAAATATCTCCAGCCCTGGGTTACAGCCAAGCAC
 TCAGCTCTCAATCTGGGAAGCACCAGACTCTAGAAGAAATGCCCTCCGGGTACAGGATAAGTCTGCT
 CCATCTGGACACAAGCATCTGACGGTAGAAGAGTTATTTGGAACCTCTTTGCCAAAGGAACAACAGCAG
 TTGTGGGTCTGGATTGAGAAGAAATGGAGAGGTTGCCAGGAGATGCCTCCAGAAAGAGCCCAATTCATT
 CCTACCATTTCCCTTTGAGCAGTTAGGAGGAGCCCTCAATCAGAAACCTGGGTGTCCCTTCTGCTGCC
 CACCATTCAGTCCAGCCTGAAATCACCACCCCGGTGCTAATCACTCCAGCCTCCATCACACAGTCCAATG
 AAAAGCATGCTCAACCTACACAATCCCGTTGAGCCCTGTTCTCAGTCCCACTCTGCCAGCTGAAGCTCC
 TACTGCACAGGTTCCCCCAGCTTACCTCGAAACAGCACCATGATGCAGGCAGTGAAGACCACGCCTAGA
 CAGAGGTCTCCACTCCTGAACCAGCCAGTCCCTGAGCTAAGCCATGCCAGTCTGATTGCCAACAGAGGCC
 CCTTCAGGGCCCCATTGAACGTGACGAACACAGCTGGCACATCCCTCCCAAGCGTTGATCTTCTCCAGAA
 ACTCAGGTTGACCCACAGCATGACCAATACAGACACAACCACTTGGGAAAGGTGCAATGGTAGCCAGC
 TTTTCTCCGGCAGCTGGTCAGCTAGCCACACCTGAGAGCTTCATAGAGCCTCCCTCTAAGACAGCAGCAG
 CAAGAGTGGCGGCTCAGCCTCCCTGAGCAACATGGTGCTTCTCCCTTCAGTCTATGCAGCAGAACCA
 GGATCCTGAAGTATTTGTGCAGCCTAAGGTGTTATCCAGTGCCATCCCGTTGCAGGCGCCCCACTGGTT
 ACTGCAACGACCACTGCAGTGTCTTCACTCCTGCTGGCCCCAAGTGTTCAGCAGACAGTTACAAGAT
 CTTGGACCTTGAGAGGAAAGCCAGTCCCTTCTCCTCTAACTATTGGAACGCCAGAAAGTCAGAGAAA
 GCCTTCCATTATTCTCAGCAAGTCTCAGCTCCAGGATACATTAATACATCTAATAAAGAATGATTCCAGC
 TTCTCAGTACACTTCATGAAGTCTACTTGCAGGTTCTGACCAAGAACAAGACAACCACAACCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201330 protein sequence
 Red=Cloning site Green=Tags(s)

MEALSRAQEMSLAALKQHDPYITSIADLTGQVALYTFCKANQWEKTDIEGTLFVYRRSASPHYGFTIV
 NRLNMHNLVEPVNKDLEFQLHEPFLLYRNASLSIYSIWFDKNDCHRIAKLMADVVEEETRRSQQAARDK
 QSPSQANGCSDHRPIDILEMLSRKDEYERNQMGSNIISSPGLQPSTQLSNLGSSTETLEEMPSGSDKSA
 PSGHKHLTVEELFGTSLPKEQPAVVGLDSEEMERLPGDASQKEPNSFLPFPFEQLGGAPQSETLVGPSAA
 HHSVQPEITTPVLITPASITQSNEKHAPTYTIPLSPVLSPTLPAEAPTAQVPPSLPRNSTMMQAVKTT
 QRSPLLNQPVPELASHLIANQSPFRAPLNVNTAGTSLPSVDLLQKLRLTPQHDQIQTPQLGKGAMVAS
 FSPAAGQLATPESFIEPPSKTAAARVAASASLNMVLAQLQSMQONQDPEVVFQPKVLSSAIPVAGAPLV
 TATTTAVSSVLLAPSVFQQTVTRSSDLERKASSPSPLTIGTPESQRKPSIILSKSQLQDTLIHLIKNDSS
 FLSTLHEVYLQVLTKNKDNHNL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_018403
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F5184
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_018403.3</u>
RefSeq Size:	6027 bp
RefSeq ORF:	1749 bp
Locus ID:	55802
UniProt ID:	<u>Q9NPI6</u>
Cytogenetics:	3p21.1
MW:	63.3 kDa