

Product datasheet for **RC216681A1V**

Human ARHGEF9 (NM_015185) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARHGEF9 (NM_015185) AAV Particle
Tag:	Myc-DDK
Symbol:	ARHGEF9
Synonyms:	COLLYBISTIN; DEE8; EIEE8; HPEM-2; PEM-2; PEM2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216681 representing NM_015185
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGTTGCTGATCACTGGAGATTCCATCGTTAGTGCTGAGGCAGTATGGGATCACGTACCATGGCCA
 ACCGGGAGTTGGCATTAAAGCTGGCGACGTCATCAAAGTCTTGATGCTTCCAACAAGGATTGGTGGTG
 GGGCCAGATCGACGATGAGGAGGGATGTTTCTGCCAGCTTTGTGAGGCTCTGGGTGAACCGAGGAGT
 GAGGTGGAGGAGGGGCCAGCGATGTGCAGAACGGACCTGGACCCCAATTGAGACTGCCTCTGTCTGG
 GGCGGCCACTACAGAACCGGGACCAGATGCGGGCCAATGTCATCAATGAGATAATGAGCACTGAGCGTCA
 CTACATCAAGCACCTCAAGGATATTTGTGAGGGCTATCTGAAGCAGTGCCGGAAGAGAAGGGACATGTTT
 AGTGACGAGCACTGAAGGTAATCTTTGGGAACATTGAAGATATCTACAGATTTGAGTGGGCTTTGTGA
 GAGACCTGGAGAAACAGTATAACAATGATGACCCACCTCAGCGAGATAGGACCCTGCTTCCTAGAGCA
 CCAAGATGGATTCTGGATATACTCTGAGTATTGTAACAACCACTGGATGCTTGCATGGAGCTCTCCAAA
 CTGATGAAGGACAGCCGTACCGAGCACTTCTTTGAGGCCTGTCGCCTCTTGCAGCAGATGATTGACATTG
 CTATCGATGGTTTCTTTTGAATCTAGTGCAGAAAGATCTGCAAGTATCCCTTACAGTTGGCTGAGCTCCT
 AAAGTATACTGCCAAGACCACAGTGACTACAGGTATGTGGCAGCTGCTTTGGCTGTGATGAGAAATGTG
 ACTCAGCAGATCAACGAACGCAAGCGACGTTTAGAGAATATTGACAAGATTGCTCAGTGGCAGGCTTCTG
 TCCTAGACTGGGAGGGCGAGGACATCTAGACAGGAGCTCGGAGCTGATCTACACTGGGAGATGGCCTG
 GATCTACAGCCCTACGGCCGCAACAGCAGCGGGTCTTCTTCTGTTTGACCACCAGATGGTCTCTGCTG
 AAGAAGGACCTAATCCGAGAGACATCTGTACTACAAAGGCCGATTGACATGGATAAATATGAGGTAG
 TTGACATTGAGGATGGCAGAGATGATGACTTCAATGTCAGCATGAAGAATGCCTTTAAGCTTCACAACAA
 GGAGACTGAGGAGATACATCTGTTCTTTGCCAAGAAGCTGGAGGAAAAAATACGCTGGCTCAGGGCTTTC
 AGAGAAGAGAGAAAAATGGTACAGGAAGATGAAAAAATGGCTTTGAAATTTCTGAAAACCAAGAGAGGC
 AGGCTGCAATGACTGTGAGAAAAGTCCCTAAGCAAAAAGGTGTCAACTCTGCCCGCTCAGTTCCTCCTTC
 CTACCCACCACCGCAGGACCCGTTAAACCACGGCCAGTACCTGGTCCCGACGGCATCGCTCAGTCGCAG
 GTCTTTGAGTTACCGAACCACAGCGCAGCCAGTCACCATTCTGGCAAACTTCAGCAGGTTAACCCCTT
 TCAAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MTLLITGDSIVSAEAVWDHVTMANRELAFAKAGDVIKVLDA SNKDWWWGQIDDEEGWFPASFVRLWVNQED
 EVEEGPSDVQNGHLDPNSDCLCLGRPLQNRDQMRANVINEIMSTERHYIKHLKDICEGYLKQCRKRRDMF
 SDEQLKVIFGNIEDIYRFQMGFVRDLEKQYNNDDPHLSEIGPCFLEHQDGFWIYSEYCNHLDACMELSK
 LMKDSRYQHFFACRLLQQMIDIAIDGFLTLVQKICKYPLQLAELLKYTAQDHSYRYVAAALAVMRNV
 TQQINERKRRLNIDKIAQWQASVLDWEGEDILDRSSELIYTGEMAWIYQPYGRNQQRVFFLFDHQMVLV
 KKDLIRRDILYYGRIDMDKYEVDIEDGRDDDFNVSMKNAFKLHNKETEEIHLFFAKKLEEKIRWLRAF
 REERKMVQEDEKIGFEISENQKRAAMTVRKVPKQKGVNSARSVPSPYPPQDPLNHGQYLPDGLAQSQ
 VFEFTEPKRSQSPFWQNF SRLTPFKK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDK**V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_015185

ORF Size:

1548 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_015185.1</u>
RefSeq Size:	5413 bp
RefSeq ORF:	1551 bp
Locus ID:	23229
UniProt ID:	<u>O43307</u>
Cytogenetics:	Xq11.1
MW:	60.8 kDa