OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC209499A1V

Human ARMC9 (NM_025139) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARMC9 (NM_025139) AAV Particle
Tag:	Myc-DDK
Symbol:	ARMC9
Synonyms:	ARM; JBTS30; KU-MEL-1; NS21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC209499 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGGACATTCTGGCTCATGAATCTGAATTACTTGGACTAGTGAAAGAGTATTTAGATTTTGCTGAAT
TTGAAGACACCTTGAAAACATTTTCAAAAGAATGCAAAATAAAAGGAAAACCACTGTGTAAAACAGTAGG
CGGATCTTTCAGAGACTCCAAATCATTGACAATTCAGAAGGATCTTGTCGCTGCATTTGACAACGGAGAC
CAGAAGGTGTTCTTCGATCTGTGGGAGGAGCACATTTCAAGTTCCATCCGAGATGGGGACTCCTTTGCCC
AGAAGCTGGAATTCTATCTCCACATCCATTTTGCCATCTATTTTTTGAAGTACTCTGTGGGGAGACCGGA
CAAAGAGGAGCTGGATGAAAAGATTTCCTACTTCAAAACCTACCTGGAGACCAAAGGGGCAGCCTTGAGC
CAGACCACAGAGTTTCTTCCTTTCTATGCCCTTCCTTTTGTTCCCAACCCTATGGTGCACCCCTCATTTA
AAGAACTCTTCCAGGATTCCTGGACTCCAGAGTTAAAGTTGAAGTTGGAAAAGTTTCTAGCTTTAATATC
TAAAGCCAGCAACACGCCAAAGCTTTTAACAATATATAAGGAGAATGGACAAAGTAACAAAGAAATCTTG
CAGCAGCTCCACCAGCAGCTGGTTGAAGCTGAACGTAGGTCAGTGACATACCTCAAACGGTACAATAAGA
TCCAGGCCGACTACCACAATCTCATTGGAGTCACAGCAGAGCTGGTGGATTCTCTAGAGGCCACAGTCAG
CGGCAAGATGATCACCCCTGAGTACCTCCAGAGCGTCTGTGTCCGCCTGTTCAGTAACCAGATGCGGCAG
AGCCTGGCGCATAGTGTGGACTTCACGAGGCCTGGGACGGCATCCACCATGTTACGAGCCTCCTTGGCAC
CCGTGAAATTGAAGGATGTCCCATTACTGCCCTCCTTGGATTATGAGAAACTGAAGAAGGATTTGATTTT
GGGGAGTGACCGCTTGAAAGCCTTCTTGTTGCAGGCTCTGCGCTGGCGCTTGACCACATCCCATCCTGGA
GAGCAGAGGGAGACCGTTCTGCAAGCCTACATCAGCAATGACCTCTTGGACTGTTATAGCCACAACCAGA
GGAGTGTGCTTCAGTTGCTGCACTCCACGAGCGACGTGGTGCGGCAGTACATGGCCAGGCTCATCAATGC
TTTTGCGTCACTGGCAGAAGGTCGCCTCTACCTTGCCCAGAACACAAAGGTGCTGCAGATGCTGGAGGGA
AGGCTGAAGGAGGAGGACAAGGATATCATCACCAGGGAGAATGTTCTTGGGGCCCTGCAGAAGTTCAGTC
TCAGGCGCCCGCTGCAGACAGCGATGATTCAAGACGGCCTCATCTTCTGGCTGGTTGATGTTCTGAAGGA
CCCTGACTGCCTGTCTGACTACACGCTGGAGTACTCGGTGGCTTTGCTCATGAACCTCTGCCTCCGCAGC
ACAGGGAAGAACATGTGTGCCAAGGTGGCAGGCCTCGTGCTCAAAGTCCTTTCGGATCTTCTTGGCCATG
AAAACCATGAGATACAGCCGTATGTGAATGGAGCTCTGTACAGCATCCTTTCTGTTCCATCCATTCGTGA
GGAAGCAAGAGCAATGGGAATGGAAGACATCCTACGCTGCTTCATCAAAGAAGGCAATGCTGAAATGATC
CGCCAGATAGAATTCATCATCAAGCAGCTAAATTCCGAAGAGCTACCAGATGGTGTTCTTGAATCTGATG
ATGATGAAGATGAAGATGATGAAGAGGACCATGACATCATGGAAGCCGATCTGGACAAAGACGAACTGAT
CCAGCCCCAGCTCGGAGAACTCTCAGGAGAGAAGCTTCTGACCACGGAGTACCTGGGGATCATGACCAAC
ACGGGGAAGACAAGGCGGAAGGGGCTGGCTAATGTGCAGTGGAGCGGGGATGAGCCCCTGCAAAGGCCCG
TCACCCCCGGCGGCCACAGAAACGGGTACCCAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209499 protein sequence
Red=Cloning site Green=Tags(s)

MGDILAHESELLGLVKEYLDFAEFEDTLKTFSKECKIKGKPLCKTVGGSFRDSKSLTIQKDLVAAFDNGD
QKVFFDLWEEHISSSIRDGDSFAQKLEFYLHIHFAIYFLKYSVGRPDKEELDEKISYFKTYLETKGAALS
QTTEFLPFYALPFVPNPMVHPSFKELFQDSWTPELKLKLEKFLALISKASNTPKLLTIYKENGQSNKEIL
QQLHQQLVEAERRSVTYLKRYNKIQADYHNLIGVTAELVDSLEATVSGKMITPEYLQSVCVRLFSNQMRQ
SLAHSVDFTRPGTASTMLRASLAPVKLKDVPLLPSLDYEKLKKDLILGSDRLKAFLLQALRWRLTTSHPG
EQRETVLQAYISNDLLDCYSHNQRSVLQLLHSTSDVVRQYMARLINAFASLAEGRLYLAQNTKVLQMLEG
RLKEEDKDIITRENVLGALQKFSLRRPLQTAMIQDGLIFWLVDVLKDPDCLSDYTLEYSVALLMNLCLRS
TGKNMCAKVAGLVLKVLSDLLGHENHEIQPYVNGALYSILSVPSIREEARAMGMEDILRCFIKEGNAEMI
RQIEFIIKQLNSEELPDGVLESDDDEDEDDEEDHDIMEADLDKDELIQPQLGELSGEKLLTTEYLGIMTN
TGKTRRKGLANVQWSGDEPLQRPVTPGGHRNGYPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_025139

ORF Size: 1995 bp

Buffer: PBS with 0.001% Pluronic F6445

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: NM_025139.2

RefSeq Size: 2317 bp

RefSeq ORF: 1998 bp

Locus ID: 80210

UniProt ID: Q7Z3E5

Cytogenetics: 2q37.1

MW: 75.6 kDa