

Product datasheet for **RC201684A1V**

Human **SACM1L (NM_014016)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SACM1L (NM_014016) AAV Particle
Tag:	Myc-DDK
Symbol:	SACM1L
Synonyms:	SAC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201684 representing NM_014016
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGACGGCGCCTACGAGCAGCTGAAGCTGCATATCACACCTGAAAAATTTTATGTGGAAGCTTGTG
 ATGATGGAGCAGATGACGTACTTACCATTGACCGTGTGTCCACAGAGGTTACCCTTGCACTCAAGAAAGA
 TGTTCTCTCTTCACTGTGACAAAGACCAATATTTGGTATACTGGGCACAATCCATCTGGTGGCAGGTAAT
 TATCTTATAGTCATTACCAAAAAGATAAAAAGTAGGTGAATTTTTCAGTCATGTAGTCTGGAAAGCAACAG
 ATTTTGATGTCCTTTCTTATAAGAAGACAATGTTGCACCTAACTGATATTCAGTTACAAGATAATAAAAC
 CTTCTAGCGATGCTAAACCATGCTTGAATGTGGATGGATTTTACTTTTCAACAACATATGATTGACC
 CATACTTTCAGCGGCTATCCAACACTAGTCTGAATTCAGAAATGAGTCTCTGGAAAGGGCAGATC
 AGCGGTTTGTATGGAATGGTCATCTTCTAAGAGAACTTCTGCACAGCCAGAGGTTTCATCGGTTTGCCT
 TCCAGTGTACATGGCTTTATTACCATGCATTCATGTTCTATTAATGGAAAATACTTTGATTGGATTCTC
 ATCTCGAGGAGAGCTGTTTCAGAGCTGGTGTGCGCTATTATGTAAGAGGAATTGATTCCGAAAGGCCATG
 CAGCTAACTTTGTAGAAACAGAACAAATTTGTGCACTACAATGGGAGCAAAGCTTCGTTTGTACAGACTCG
 AGGATCAATACCTGTTTTCTGGTCCCAAAGACCAAACTCAAGTACAAACCACTGCCACAGATCAGCAAA
 GTAGCAATCAGATGGACGGTTTCCAAAGGCATTTTGATTCCCAAGTAATTATTTATGGAAAACAAGTTA
 TAATCAATCTGATTAACCAGAAGGGCTCGGAGAAGCCACTTGAGCAGACATTTGCAACAATGGTGTCTTC
 CTTGGGAAGTGAATGATGAGATACATTGCCTTTGACTTCCATAAGGAATGTAAAAATATGAGATGGGAT
 CGACTAAGTATTTTATGGATCAGGTAGCAGAAATGCAAGATGAATTAAGTTATTTTCTAGTGGACTCTG
 CTGGCCAGGTGGTGGCAAACCAGGAAGCGGTGTTCCGAAGCAATTGCATGGATTGTCTAGATAGAACCAA
 TGTGATCCAGAGTTTGTAGCTCGTCGTTCACTTCAGGCCCACTTCAGAGACTAGGAGTTTGCATGTG
 GGACAAAAGCTTGAAGAACAAGATGAATTTGAGAAGATTTTCAAAAATGCCTGGGCTGACAACGCAATG
 CTTGTGCCAAGCAATATGCGGGAAGTGTGCCTTGAAGACTGACTTTACCAGAAGTGAAGAGAACTCA
 TTTGGGACTTATAATGGATGGCTGGAAGTCAATGATACGATATTATAAGAACAACCTTTCCGATGGATT
 AGACAAGATTCCATAGACTTATTTCTTGAAACTATTCAGTGGATGAATTAGAATCTCATAGTCTTTAA
 GTGTTCCAAGGGACTGGAATTCCTGGCTTGCCTATTATCATGGTTGTTGCCTTTTCAATGTGCATTAT
 CTGTTTCTTATGGCTGGTGCACCTGGACAGAAACACTGGCCTATGTGCTCTTCTGGGAGTTGCAAGC
 ATTGGAACATTTTTATCATTCTTTACAATGGCAAAGATTTTGTGATGCTCCAGACTGGTCCAGAAAG
 AAAAGATAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MATAAYEQLKLHITPEKFYVEACDDGADDVLTIDRVSTEVTLAVKKDVPPSAVTRPIFGILGTIHLVAGN
 YLIVITKKIKVGEFFSHVVKATDFDVL SYKKTMLHLTDIQLQDNKTF LAMLNHVLNVDFYFSTTYDLT
 HTLQRLSNTSPEFQEMSLERADQRFVWNGHLLRELSAQPEVHRFALPVLHGFITMHSCSINGKYFDWIL
 ISRRSCFRAGVRYVVRGIDSEGHANFVETEQIVHYNGSKASFVQTRGSIPVFWQSQRPNLKYKPLPQISK
 VANHMDGFRHFDQVVIYQKQVIINLINQKGSEKPLEQTFATMVSSLGSGMMRYIAFDHFKECKNMRWD
 RLSILLDQVAEMQDELSYFLVDSAGQVVANQEGVFRSNCMDCLDRTNVIQSLLARRSLQAQLQRLGVLHV
 GQKLEEQDEFEKIFKNWADNANACAKQYAGTGALKTDFTRTGKRTLGLIMDGWNSMIRYYKNNFSDGF
 RQDSIDLFLGNYSVDELESHSPLSVPRDWKFLALPIIMVVAFSMCIICLLMAGDTWTETLAYVLFWGVAS
 IGTFIFIILYNGKDFVDAPRLVQKEKID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014016
ORF Size:	1761 bp
Buffer:	PBS with 0.001% Pluronic F5218
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_014016.2</u>
RefSeq Size:	3550 bp
RefSeq ORF:	1764 bp
Locus ID:	22908
UniProt ID:	<u>Q9NTJ5</u>
Cytogenetics:	3p21.31
MW:	66.8 kDa