

Product datasheet for **RC216911A1V**

Human A1CF (NM_138933) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human A1CF (NM_138933) AAV Particle
Tag:	Myc-DDK
Symbol:	A1CF
Synonyms:	ACF; ACF64; ACF65; APOBEC1CF; ASP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216911 representing NM_138933
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAAGCAGTGTGTCTGGGCACATGCCAGAGCCAGAAGCGAGCATGAGCACAGCAATTCCTGGCCTCA
 AAAAAGGAAATATGCTTTGCAGTCCATCATTTTGCAAACCTTTGCTGGAAAAGGAAATGGACAAAGAAA
 ATATGGTGGCCCTCCACCTGGTTGGGATGCTGCACCCCTGAAAGGGGCTGTGAAATTTTATTGGAAAA
 CTTCCCGAGACCTTTTTGAGGATGAGCTTATACCATTATGTGAAAAATCGGTAAAATTTATGAAATGA
 GAATGATGATGGATTTTAAATGGCAACAATAGAGGATATGCATTGTAAACATTTTCAAATAAAGTGAAGC
 CAAGAATGCAATCAAGCAACTTAATAATTATGAAATTAGAAATGGGCGCCTCTTAGGGGTTTGTGCCAGT
 GTGGACAACCTGCCGATTATTTGTTGGGGCATCCCAAAACCAAAAGAGAGAAGAAATCTTATCGGAGA
 TGA AAAAGGTTACTGAAGGTGTTGTCGATGTCATCGTCTACCAAGCGCTGCAGATAAAACCAAAACCG
 AGGCTTTGCCTTCGTGGAGTATGAGAGTCATCGAGCAGCTGCCATGGCGAGGAGGAACTGCTACCAGGA
 AGAATTCAGTTATGGGGACATGGTATTGCAGTAGACTGGGCAGAGCCAGAAGTAGAAGTTGATGAAGATA
 CAATGTCTTCAGTGAAAATCCTATATGAAGAAATCTTATGCTGTCTACCTCTGAAGAGATGATTGAAAA
 GGAATTCACAAATATCAAACCAAGGTGCTGTGGAGAGGGTGAAGAAAATTCGAGACTATGCTTTTGTGCAC
 TTCAGTAACCGAGAAGATGCAGTTGAGGCTATGAAAGCTTTAAATGGCAAGGTGCTGGATGGTCCCCCA
 TTGAAGTCACCTAGCAAAACCAAGTGGACAAGGACAGTTATGTTAGGTATACCGAGGCACAGGTGGAAG
 GGGACCATGCTGCAAGGAGAGTATACCTACTCTTTGGCCAAGTTTATGATCCCACCACAACCTACCTT
 GGAGCTCCTGTCTTCTATGCCCCCAGACCTATGCAGCAATCCCAGTCTTCATTTCCGACCCACCAAG
 GACATCTCAGCAACAGAGCCATTATCCGAGCCCTTCTGTTAGAGGGGCTGCGGGAGTGAGAGGACTGGG
 CGGCCGTGGCTATTTGGCATACACAGGCCTGGGTCGAGGATACCAAGTCAAAGGAGACAAAAGAGAAGAC
 AAATCTATGACATTTTACCTGGGATGGAGCTACCCCAATGAATCCTGTACATTAAACCCCAAGGAA
 TTAATCTCGTCCCCAGATATTAGAAGAGATTTGTGAGAAAAATACTGGGGACAGCCAGTGTACCAGCT
 GCACTCTGCTATTGGACAAGACCAAGACAGCTATTCTGTACAAAATACTATTCCTGCTCTAGCCAGC
 CAGAATCTGCAATCCACCTTTACACCTCAAAGCTGAGTGCCTTTGTGGATGAAGCAAGACGTATG
 CAGCCGAATACACCTGCAGACCCTGGGCATCCCCACTGATGGAGGCGATGGACCATGGCTACTGCTGC
 TGCTGCTGCTACTGCTTTCCAGGATATGCTGTCCCTAATGCAACTGCACCCGTGTCTGCAGCCAGCTC
 AAGCAAGCGGTAAACCTTGGACAAGACTTAGCAGCATATACAACCTATGAGGTCTACCAACTTTTGCAG
 TGA CTGCCCGAGGGGATGGATATGGCACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEAVCLGTCPEPEASMSTAIPGLKKGNNALQSILQTLLEKENGQRKYGGPPPGWDAAPPERGCEIFIGK
 LPRDLFEDELIPLCEKIGKIYEMRMMDFNGNRRGYAFVTF SNKVEAKNAIKQLNNYEIRNGRLLGVCAS
 VDNCRFLVGGIPKTKKREEILSEMKKVTEGVVDVIVYPSAADTKNRGFAFVEYESHRAAAMARRKLLPG
 RIQLWGHGIAVDWAEPEVEDEDTMSSVKILYVRNMLSTSEEMIEKEFNIIKPGAVERVKIRDYAFVH
 FSNREDAVEAMKALNGKVLDSPIEVLAKPVDKDSYVRYTRGTGGRTMLQGEYTYSLGQVYDPTTYL
 GAPVFYAPQTYAAIPSLHFPATKGHL SNRAIIRAPSVRGAAGVRGLGGRGYLAYTGLGRGYQVKGDKRED
 KLYDILPGMELTPMNPVTLKPQGIKLAPQILEEICQKNWGPVYQLHSAIGDQQRQLFLYKITIPALAS
 QNPAIHPFTPPKLSAFVDEAKTYAAEYTLQTLGIPTDGGDGTMAAAAAATAFGYAVPNATAPVSAACL
 KQAVTLGQDLAAYTTYEYPTFAVTARGDGYGTF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_138933
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F7616
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_138933.1, NP_620311.1</u>
RefSeq Size:	2223 bp
RefSeq ORF:	1785 bp
Locus ID:	29974
UniProt ID:	<u>Q9NQ94</u>
Cytogenetics:	10q11.23
MW:	64.8 kDa