

Product datasheet for **RC206821A1V**

Human APOBEC3G (NM_021822) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human APOBEC3G (NM_021822) AAV Particle
Tag:	Myc-DDK
Symbol:	APOBEC3G
Synonyms:	A3G; ARCD; ARP-9; ARP9; bK150C2.7; CEM-15; CEM15; dj494G10.1; MDS019
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206821 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCCTCACTTCAGAAACACAGTGGAGCGAATGTATCGAGACACATTCTCTACAACCTTTTATAATA
GACCCATCCTTTCTCGTCGGAATACCGTCTGGCTGTGCTACGAAGTAAAAACAAAGGGTCCCTCAAGGCC
CCCTTTGGACGCAAAGATCTTTGAGGCCAGGTGTATTCCGAACCTAAGTACCACCCAGAGATGAGATTC
TTCCACTGGTTTCAGCAAGTGGAGGAAGTGCATCGTGACCAGGAGTATGAGGTACCTGGTACATATCCT
GGAGCCCCTGCACAAAGTGTACAAGGGATATGGCCACGTTCTGGCCGAGGACCCGAAGGTTACCTGAC
CATCTTTGTTGCCCGCCTCTACTACTTCTGGGACCCAGATTACCAGGAGGCGCTTCGCAGCCTGTGTTCAG
AAAAGAGACGGTCCGCGTGCCACCATGAAGATCATGAATTATGACGAATTTAGCACTGTTGGAGCAAGT
TCGTGTACAGCCAAAGAGAGCTATTTGAGCCTTGAATAATCTGCCTAAATATTATATATTACTGCACAT
CATGCTGGGGGAGATTCTCAGACACTCGATGGATCCACCCACATTCACCTTTCACTTTAACAATGAACCT
TGGGTTCAGAGGACGGCATGAGACTTACCTGTGTTATGAGGTGGAGCGCATGCACAATGACACCTGGGTCC
TGCTGAACCAGCGCAGGGGCTTTCTATGCAACCAGGCTCCACATAAACACGGTTTCCTTGAAGGCCGCCA
TGCAGAGCTGTGCTTCTGGACGTGATTCCCTTTTGAAGCTGGACCTGGACAGGACTACAGGGTTACC
TGCTTCACCTCCTGGAGCCCCTGCTTCAGCTGTGCCAGGAAATGGCTAAATTCATTTCAAAAAACAAAC
ACGTGAGCCTGTGCATCTTCACTGCCCGCATCTATGATGATCAAGGAAGATGTCAGGAGGGGCTGCGCAC
CCTGGCCGAGGCTGGGGCCAAATTTCAATAATGACATACAGTGAATTTAAGCACTGCTGGGACACCTTT
GTGGACCACAGGGATGTCCCTTCCAGCCCTGGGATGGACTAGATGAGCACAGCCAAGACCTGAGTGGGA
GGCTGCGGGCCATTCTCCAGAATCAGGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206821 protein sequence Red=Cloning site Green=Tags(s) MKPHFRNTVERMYRDTFSYNFYNRPILSRRNTVWLCYEVKTKGSPRPPLDAKIFRGQVYSELKYHPEMRF FHWFSKWRKLHRDQEYEVTWYISWSPCTKCTRDMATFLAEDPKVTLTIFVARLYYFWDPDYQEALRSLCQ KRDGPRATMKIMNYDEFQHCWSKFVYSQRELFEPWNNLPKYYILLHIMLGEILRHSM DPPTFTFNFNNEP WVRGRHETYLCEVERMHNDTWVLLNQRRGFLCNQAPHKHGFLEGRHAELCFLDVIPFWKLDLDQDYRVT CFTSWSPCFSCAQEMAKFISKKNHVS LCIFTARIYDDQGRCEGLRTLAEAGAKISIMTYSEFKHCWDTF VDHQGC PFQPWDGLDEHSQDL SGRLRAILQNQEN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021822
ORF Size:	1152 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_021822.1</u>
RefSeq Size:	1848 bp
RefSeq ORF:	1155 bp
Locus ID:	60489
UniProt ID:	<u>Q9HC16</u>
Cytogenetics:	22q13.1
MW:	46.4 kDa