

Product datasheet for **RC220906A1V**

Human DNMT3A (NM_153759) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DNMT3A (NM_153759) AAV Particle
Tag:	Myc-DDK
Symbol:	DNMT3A
Synonyms:	DNMT3A2; HESJAS; M.HsaIIIA; TBRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220906 representing NM_153759
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGGGATCCTGGAGCGGTTGTGAGAAGGAATGGGCGCTGGATCGTAGCCTGAAAGACGAGTGTGATA
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 TCAGAAGGTGGAGGAGGCCAGCCCTCCTGCTGTGCAGCAGCCACTGACCCCGCATCCCCACTGTGGCT
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 AGTACGAGGACGGCCGGGCTTTGGCATTGGGGAGCTGGTGTGGGGAAACTGCGGGCTTCTCCTGGT
 GCCAGGCCGATTGTGTCTTGGTGGATGACGGCCGAGCCGAGCAGCTGAAGGCACCCGCTGGGTCATG
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 GCTAATAACCACGACCAGGAATTTGACCCTCAAAGGTTTACCCACCTGTCCAGCTGAGAAGAGGAAGC
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 CACTGGCCGGCTCTTCTTTGAGTCTACCGCTCCTGCATGATGCGCGGCCCAAGGAGGGAGATGATCGC
 CCCTTCTTCTGGCTCTTTGAGAATGTGGTGGCCATGGGCGTTAGTGACAAGAGGGACATCTCGCATTTT
 TCGAGTCCAACCTGTGATGATTGATGCCAAAGAAGTGTGAGTGCACACAGGGCCCGCTACTTCTGGGG
 TAACCTTCCCGGTATGAACAGGCCGTTGGCATCCACTGTGAATGATAAGCTGGAGCTGCAGGAGTGTCTG
 GAGCATGGCAGGATAGCCAAGTTCAGCAAAGTGAAGGACCTTACTACGAGGTCAAATCCATAAAGCAGG
 GCAAAGACCAGCATTTTCTGTCTTATGAATGAGAAAGAGGACATCTTATGGTGCAGTAAATGGAAAG
 GGTATTTGGTTTCCAGTCCACTATACTGACGTCTCAACATGAGCCGCTTGGCGAGGCAGAGACTGCTG
 GGCCGGTCATGGAGCGTGCCAGTCATCCGCCACCTCTTCGCTCCGCTGAAGGAGTATTTTGGTGTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC220906 representing NM_153759 Red=Cloning site Green=Tags(s) MGILERVVRRNGRVDRLSKDECDTAEKKAKVIAGMNAVEENQGPGESQKVVEASPPAVQQPTDPASPTVA TTPEPVGSDAGDKNATKAGDDEPEYEDGRGFGIGELVWGKLRGFSWWPGRIVSWWMTGRSRAAEGTRWVM WFGDGKFSVVCVEKLMPLSSFCSAFHQATYNKQPMYRKAIYEVLQVASSRAGKLFVCHDSDESDTAKAV EVQNKPMIEWALGGFQPSGPKGLEPPEEEKNPYKEVYTDMWVEPEAAAYAPPPAKKPRKSTAEKPKVKE IIDERTRELVYEVQRQCRNIEDICISGSLNVTLEHPLFVGGMCQNCKNCFLECAQYQDDGYQSYCTI CCGGREVL MCGNNCCRCFCVECDLLVGPGAAQAAIKEDPWNCYMGCHKGTYGLLRREDWPSRLQMFF ANNHDQEFDPKVPYPVPAEKRPPIRVLSLFDGIATGLLVKDLGIQVDRIASEVCEDSITVGMVRHQG KIMYVGDVRSVTQKHIQEWGPFDLVIGGSPCNDLSIVNPARKGLYEGTGRLFFEFYRLLHDARPKEGDDR PFFWL FENVVAMGVSDKRDISRFLSNPVMIDAKEVSAHRARYFWGNLPGMNRPLASTVNDKLELQECL EHGRIAKFSKVRTITTRSNSIKQGDQHFVFMNEKEDILWCTEMERVFGFPVHYTDVSNMSRLARQRL GRSWSVPVIRHLFAPLKEYFACV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_153759
ORF Size:	2169 bp
Buffer:	PBS with 0.001% Pluronic F8253
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_153759.3 , NP_715640.2
RefSeq Size:	3608 bp
RefSeq ORF:	2172 bp
Locus ID:	1788
UniProt ID:	Q9Y6K1
Cytogenetics:	2p23.3
MW:	81.6 kDa