

Product datasheet for **RC222426A1V**

Human RUNX1T1 (NM_175635) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RUNX1T1 (NM_175635) AAV Particle
Tag:	Myc-DDK
Symbol:	RUNX1T1
Synonyms:	AML1-MTG8; AML1T1; CBFA2T1; CDR; ETO; MTG8; ZMYND2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222426 representing NM_175635
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGACTCACCTGTGGATGTGAAGACGCAATCTAGGCTGACTCCTCAACAATGCCACCTCCCCAA
 CTACTCAAGGAGCTCCAAGAACCAGTTCAATTTACACGACAACGTTAACTAATGGCACGAGCCATTCTCC
 TACAGCCTTGAATGGCGCCCCCTCACCAACCAATGGCTTCAGCAATGGGCCTTCTCTTCTCTCTCTCC
 TCTCTGGCTAATCAACAGCTGCCCCAGCCTGTGGTGCCAGGCAACTCAGCAAGCTGAAAAGTTCTTA
 CTACCTGCAGCAGTTTGGCAATGACATTTACCCGAGATAGGAGAAAGAGTTCGACCCCTCGTTCTGGG
 ACTAGTGAAGTCCACTTTGACAATTGAAGAATTTCACTCAAACTGCAAGAAGCTACTAAGTCCCACTG
 AGACCTTTTGTATCCCATTTTGAAGGCCAATTGCCCTGCTGCAGCGTGAGCTCCTCACTGCGCAA
 GACTGGCCAAACAGAACCTGCCAGTACCTCGCCAGCATGAACAGCTGCTTCTGGATGCCAGCACCAC
 CTCACCTGTTGACTCCTCAGAGCTGCTTCTCGATGTGAACGAAAACGGGAAGAGGCGAACTCCAGACAGA
 ACCAAAGAAAATGGCTTTGACAGAGAGCCTTTGCACTCAGAACATCCAAGCAAGCGACCATGCACTATTA
 GCCCAGGCCAGCGGTACAGTCCAAATAACGGCTTATCCTACCAGCCCAATGGCCTGCCTCACCTACCCC
 ACCTCCACCTCAGCATTACCGTTTGGATGATATGGCCATTGCCCAACCTACAGGGACTCCTATCGACAC
 CCCAGCCACAGGGACCTCAGGGACAGAAACAGACCTATGGGGTTGCATGGCACACGTCAAGAAGAAATGA
 TTGATCACAGACTAACAGACAGAGAATGGGCAGAGAGTGAAACATCTTGACCATCTGTTAACTGCAT
 AATGGACATGGTAGAAAAACAAGGCGATCTCTACCGTACTAAGGCGGTGTCAAGAAGCAGACCCGGAA
 GAATTGAATTACTGGATCCGGCGGTACAGTGACGCCGAGGACTTAAAAAAGGTGGCGGCAGTAGCAGCA
 GCCACTCTAGGCAGCAGAGTCCCGTCAACCCAGACCCAGTTGCACTAGACGCGCATCGGGAATTCCTTCA
 CAGGCCTGCGTCTGGATACGTGCCAGAGGAGATCTGGAAGAAAGCTGAGGAGGCCGTCAATGAGGTGAAG
 CGCCAGGCGATGACGGAGCTGCAGAAGGCCGTGTCTGAGGCGGAGCGGAAAGCCACGACATGATCAAA
 CAGAGAGGGCCAGATGGAGCGCACGGTCGCCGAGGCCAAACGGCAGGCGGCGGAGGACGCACTGGCAGT
 TATCAATCAGCAGGAGGATTCAAGCGAGAGTTGCTGGAATTGTGGCCGTAAAGCGAGTGAAACCTGCAGT
 GGCTGTAAACACAGCCCGATACTGTGGCTCATTTTGCCAGCACAAAGACTGGGAGAAGCACCATCACATCT
 GTGGACAGACCCTGCAGGCCAGCAGGAGACACACCTGCAGTCAGCTCCTGTGCAGCCCAACAG
 CGGGGCTGGGAGCCCGATGGACACACCACAGCAGCCACTCCGAGGTCAACCACCCCGGAACCCCTTCC
 ACCATAGAGACAACCCCTCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPDSPVDVKTQSRLTPPTMPPPTTQGAPRTSSFTPTTLNNGTSHSPTALNGAPSPPNPNSNGPSSSSSS
 SLANQQLPPACGARQLSKLKRFLTTLQQFGNDISPEIGERVRTLVLGLVNSTLTIEEFHSLKQEAATNFPL
 RPFVIFPLKANLPLLQRELLHCAKQNPQYLAQHEQLLLDASTTSPVDSSELLLDVNNENGRRTDPDR
 TKENGFDREPLHSEHPSKRPCTISPGQRYSPNGLSYQPNGLPHPTPPPPQHYRLDDMAIAHHYRDSYRH
 PSHRDLRDRNRPMLHGTQREEMIDHRLTDREWAEWKHLHLLNCIMDMVEKTRRSLTVLRRCQEAADRE
 ELNYWIRRYSDAEDLKKGSSSSSHRQQSPVNPDPVALDAHREFLHRPASGYVPEEIKKAAEEAVNEVK
 RQAMTELQKAVSEAERKAHDMITTERAKMERTVAEAKRQAAEDALAVINQQEDSSESCWNCGRKASETCS
 GCNTARYCGSFCQHKDWEKHHHICGQTLQAQQQGDTPAVSSSVTPNSGAGSPMDTPPAATPRSTTPGTPS
 TIETTPR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_175635
ORF Size:	1701 bp
Buffer:	PBS with 0.001% Pluronic F8508
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_175635.1</u>
RefSeq Size:	3233 bp
RefSeq ORF:	1704 bp
Locus ID:	862
UniProt ID:	<u>Q06455</u>
Cytogenetics:	8q21.3
MW:	63 kDa