

Product datasheet for **RC228428A1V**

Human CLK1 (NM_001162407) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CLK1 (NM_001162407) AAV Particle
Tag:	Myc-DDK
Symbol:	CLK1
Synonyms:	CLK; CLK/STY; STY
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC228428 representing NM_001162407
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGGGCGGAGGCCGGCTTCGGCCCTGTGGCCGAAAGGCGAGGCTCCCGTTGAGGGGGATT
 TGCTGGGGTTCCAGAATGTGCGTGAGCCAAGCAGCTGTGGGAAACGTTGTCTGGAATGAGACACTCAAA
 GAGAACTTACTGCTGATTGGGATGACAAGGATTGGGATTATGGAATGAGGAGCAGCAGCAGTCAT
 AAAAGAAGGAAGAGATCACATAGCAGTGCCAGGAGAACAAGCGCTGCAATACAATCACTCTAAATGT
 GTGATAGCCATTATTTGAAAGCAGGTCTATAATGAGAAAGATTATCATAGTCGACGCTACATTGATGA
 GTACAGAAATGACTACACTCAAGGATGTGAACCTGGACATCGCCAAAGAGACCATGAAAGCCGGTATCAG
 AACCATAGTAGCAAGTCTTCTGGTAGAAGTGGAAGAAGTAGTTATAAAGCAAACACAGGATTCACCACA
 GTACTTCACATCGTCGTTACATGGGAAGAGTACCGAAGGAAAAGAACAGGAGTGTAGAGGATGATGA
 GGAGGGTCACCTGATCTGTCAGAGTGGAGACGTAAGTGAAGATATGAAATTGTTGATACTTTAGGT
 GAAGGAGCTTTTGGAAAAGTTGTGGAGTGCATCGATCATAAAGCGGGAGGTAGACATGTAGCAGTAAAAA
 TAGTTAAAAATGTGGATAGATACTGTGAAGCTGCTCGCTCAGAAATACAAGTTCTGGAACATCTGAATAC
 AACAGACCCCAACAGTACTTTCCGCTGTGTCCAGATGTTGGAATGGTTTGAGCATCATGGTCACATTTGC
 ATTGTTTTTGAATATTGGGACTTAGTACTTACGACTTCATTAAAGAAAATGGTTTTCTACCATTTGCAC
 TGGATCATATCAGAAAGATGGCATATCAGATATGCAAGTCTGTGAATTTTTGCACAGTAATAAGTTGAC
 TCACACAGACTTAAAGCCTGAAAACATCTTATTTGTGCAGTCTGACTACACAGAGGCGTATAATCCCAAA
 AAAAAAGTGTGAACGCACCTTAATAAATCCAGATATTAAAGTTGTAGACTTTGGTAGTGAACATATG
 ATGACGAACATCACAGTACATTGGTATCTACAAGACATTATAGAGCACCTGAAGTTATTTAGCCCTAGG
 GTGGTCCCAACCATGTGATGTCTGGAGCATAGGATGCATTCTTATTGAATACTATCTTGGGTTTACCGTA
 TTTCCAACACACGATAGTAAGGAGCATTAGCAATGATGGAAAGGATTCTTGACCTCTACCAAAACATA
 TGATACAGAAAACAGGAAACGTAATATTTTACCACGATCGATTAGACTGGGATGAACACAGTTCTGC
 CGGCAGATATGTTTCAAGACGCTGTAACCTCTGAAGGAATTTATGCTTCTCAAGATGTTGAACATGAG
 CGTCTCTTTGACCTATTCAGAAAATGTTGGAGTATGATCCAGCCAAAAGAACTCTCAGAGAAGCCT
 TAAAGCATCCTTTCTTTGACCTCTGAAGAAAAGTATA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAGRRPASALWPERRGSPLRGDLLGFQNVREPSSCGETLSGMRHRSKRTYCPDWDDKDWDYGKWRSSSSH
 KRRKRSHSSAQENKRCKYNHSMCDSHYLESRSINEKDYHSRRYIDEYRNDYTQCEPGRHQRDHESTRYQ
 NHSSKSSGRSGRSSYKSKHRIHSTSHRRSHGKSHRRKRTSRVEDDEEGLICQSGDVL SARYEIVDTLG
 EGAFGKVVECIDHKAGGRHVAVKIVKNVDRYCEARSEIQVLEHLNTDPNSTFRVCVQMLEWFEHHGHIC
 IVFELLGLSTYDFIKENGFLPFRLDHIRKMAYQICKSVNFLHSNKLTHDLKPENILFVQSDYTEAYNPK
 IKRDERTLINPDIKVVDVFGSATYDDEHHSTLVSTRHYRAPEVILALGWSQPCDVWSIGCILIEYYLGFTV
 FPTHDSKEHLAMMERILGPLPKHMIQTRKRKYFHHDRLDWEHSSAGRYVSRRCKPLKEFMLSQDVEHE
 RLFDLIQKMLEYDPAKRITLREALKHPFFDLLKSKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001162407

ORF Size:

1578 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_001162407.1</u> , <u>NP_001155879.1</u>
RefSeq ORF:	1581 bp
Locus ID:	1195
UniProt ID:	<u>P49759</u>
Cytogenetics:	2q33.1
MW:	61.6 kDa