

Product datasheet for **RC205094A1V**

Human Chk1 (CHEK1) (NM_001274) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Chk1 (CHEK1) (NM_001274) AAV Particle
Tag:	Myc-DDK
Symbol:	Chk1
Synonyms:	CHK1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205094 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGTGCCTTTGTGGAAGACTGGGACTTGGTGCAAACCCTGGGAGAAGGTGCCTATGGAGAAGTTC
 AACTTGCTGTGAATAGAGTAAGTGAAGAAGCAGTCGCAGTGAAGATTGTAGATATGAAGCGTGCCGTAGA
 CTGTCCAGAAAATATTAAAGAAAGAGATCTGTATCAATAAAATGCTAAATCATGAAAATGTAGTAAAATTC
 TATGGTCACAGGAGAGAAGGCAATATCCAATATTTATTCTGGAGTACTGTAGTGGAGGAGAGCTTTTTG
 ACAGAATAGAGCCAGACATAGGCATGCCTGAACCAGATGCTCAGAGATTCTCCATCAACTCATGGCAGG
 GGTGGTTTATCTGCATGGTATTGGAATAACTCACAGGGATATTAACCAGAAAATCTTCTGTTGGATGAA
 AGGGATAACCTCAAAATCTCAGACTTTGGCTTGGCAACAGTATTTCCGTATAATAATCGTGAGCGTTTGT
 TGAACAAGATGTGTGGTACTTTACCATATGTTGCTCCAGAACTCTGAAGAGAAGAGAATTTTCATGCAGA
 ACCAGTTGATGTTTGGTCTGTGGAATAGTACTTACTGCAATGCTCGCTGGAGAATTGCCATGGGACCAA
 CCCAGTGACAGCTGTCAGGAGTATTCTGACTGGAAAGAAAAAACATACCTCAACCCCTTGAAAAAAA
 TCGATTCTGCTCCTCTAGCTCTGCTGCATAAAATCTTAGTTGAGAATCCATCAGCAAGAATTACCATTCC
 AGACATCAAAAAGATAGATGGTACAACAAACCCTCAAGAAAGGGGCAAAAAGGCCCGGAGTCACTTCA
 GGTGGTGTGTCAGAGTCTCCAGTGGATTTTCTAAGCACATTCATCCAATTTGGACTTCTCTCCAGTAA
 ACAGTGCTTCTAGTGAAGAAAATGTGAAGTACTCCAGTTCTCAGCCAGAACCCCGCACAGGTCTTTCTT
 ATGGGATACCAGCCCCTCATACATTGATAAATGGTACAAGGGATCAGCTTTCCAGCCACATGTCCT
 GATCATATGCTTTTGAATAGTCAGTACTTGGCACCCAGGATCCTCACAGAACCCCTGGCAGCGGTTGG
 TCAAAAAGAAATGACACAGATTCTTTACCAAATGGATGCAGACAAATCTTATCAATGCCTGAAAGAGACTTG
 TGAGAAGTTGGGCTATCAATGGAAGAAAAGTTGTATGAATCAGGTTACTATATCAACAACCTGATAGGAGA
 AACAAATAAATCATTTCAAAGTGAATTTGTTAGAAAATGGATGATAAAATATTGGTTGACTTCCGCTTT
 CTAAGGGTGATGGATTGGAGTTCAAGAGACACTTCTGAAGATTAAGGGAAGCTGATTGATATTGTGAG
 CAGCCAGAAGGTTGGCTTCTGCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205094 protein sequence
 Red=Cloning site Green=Tags(s)

MAVPFVEDWDLVQTLGEGAYGEVQLAVNRVTEEAVAVKIVDMKRAVDCPENIKKEICINKMLNHENNVKF
 YGHRREGNIQYLFLEYCSGGELFDRIEPDIGMPEPDAQRFHQLMAGVVYLHGIGITHRDIKPENLLLDE
 RDNLKISDFGLATVFRYNNRERLLNKMCGTLPYVAPPELLKRREFHAEPVDVWSCGIVLTAMLGELPWDQ
 PSDSCQEYSDWKEKTYLNPWKKIDSAPLALLHKILVENPSARITIPDIKKDRWYNKPLKKGAKRPRVTS
 GGVSESPSGFSKHIQSNLDFSPVNSASSEENVKYSSSQPEPRTGLSLWDTSPSYIDKL VQGISFSQPTCP
 DHMLLNSQLLGTGSSQNPWQRLVKRMTRFFTKLDADKSYQCLKETCEKLG YQWKSCMNQVTISTDRR
 NNKLIKFNLLLEMDDKILVDFRLSKGDGLEFKRHLFKIKGKLIDIVSSQKVLWPAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001274

ORF Size:

1428 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_001274.2</u>
RefSeq Size:	3517 bp
RefSeq ORF:	1431 bp
Locus ID:	1111
UniProt ID:	<u>O14757</u>
Cytogenetics:	11q24.2
MW:	54.4 kDa