

Product datasheet for **RC225807A1V**

Human Chk1 (CHEK1) (NM_001114122) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Chk1 (CHEK1) (NM_001114122) 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:**

>RC225807 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCAGTGCCCTTTGTGGAAGACTGGGACTTGGTGCAAACCCTGGGAGAAGTGCCATATGGAGAAGTTC
 AACTTGCTGTGAATAGAGTAAGTGAAGAAGCAGTCGAGTGAAGATTGTAGATATGAAGCGTGCCGTAGA
 CTGTCCAGAAAAATATTAGAAAGAGATCTGTATCAATAAAATGCTAAATCATGAAATGTAGTAAATTC
 TATGGTCACAGGAGAGAAGGCAATATCCAATATTTATTTCTGGAGTACTGTAGTGGAGGAGAGCTTTTTG
 ACAGAATAGAGCCAGACATAGGCATGCCTGAACCAGATGCTCAGAGATTCTTCCATCAACTCATGGCAGG
 GGTGGTTTATCTGCATGGTATTGGAATAACTCACAGGATATTAACCAGAAAAATCTTCTGTTGGATGAA
 AGGGATAACCTCAAAATCTCAGACTTTGGCTTGGCAACAGTATTCGGTATAATAATCGTGAGCGTTTGT
 TGAACAAGATGTGTGGTACTTTACCATATGTTGCTCCAGAACTTCTGAAGAGAAGAGAATTCATGCAGA
 ACCAGTTGATGTTTGGTCTGTGGAATAGTACTTACTGCAATGCTCGTGGAGAATTGCCATGGGACCAA
 CCCAGTGACAGCTGTCAGGAGTATTCTGACTGGAAAGAAAAAACATACCTCAACCCCTTGAAAAAAA
 TCGATTCTGCTCCTCTAGCTCTGCTGCATAAAATCTTAGTTGAGAATCCATCAGCAAGAATTACCATTC
 AGACATCAAAAAAGATAGATGGTACAACAAACCCTCAAGAAAGGGGCAAAAAGGCCCGAGTCACTTCA
 GGTGGTGTGTCAGAGTCTCCAGTGGATTTCTAAGCACATTCATCCAATTTGGACTTCTCTCCAGTAA
 ACAGTGCTTCTAGTGAAGAAAATGTGAAGTACTCCAGTTCTCAGCCAGAACCCCGCACAGGTCTTTCCTT
 ATGGGATACCAGCCCTCATACATTGATAAATGGTACAAGGGATCAGCTTTCCAGCCACATGTCCT
 GATCATATGCTTTTGAATAGTCAGTTACTTGGCAGGATCCTCAGCAACCCCTGGCAGCGGTTGG
 TCAAAAAGATGACACGATTCTTTACCAAAATGGATGCAGACAAATCTTATCAATGCCTGAAAGAGACTTG
 TGAGAAGTTGGGCTATCAATGGAAGAAAAGTTGTATGAATCAGGTTACTATATCAACAACCTGATAGGAGA
 AACAATAAACTCATTTTCAAAGTGAATTTGTTAGAAATGGATGATAAAATATTGTTGACTTCCGGCTTT
 CTAAGGTGATGGATTGGAGTTCAAGAGACACTTCTGAAGATTAAGGGAAGCTGATTGATATTGTGAG
 CAGCCAGAAGGTTGGCTTCTGCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225807 protein sequence
 Red=Cloning site Green=Tags(s)

MAVPFVEDWDLVQTLGEGAYGEVQLAVNRVTEEAVAVKIVDMKRAVDCPENIKKEICINKMLNHENVVKF
 YGHRREGNIQYLFLEYCSGGELFDRIEPDIGMPEPDAQRFHQLMAGVVYLHGIGITHRDIKPENLLLDE
 RDNLKISDFGLATVFRYNNRERLLNKMCGTLPYVAPELLKRREFHAEPVDVWSCGIVLTAMLAGELPWDQ
 PSDSCQEYSDWKEKTYLNPWKIDSAPLALLHKILVENPSARITIPDIKKDRWYNKPLKKGAKRPRVTS
 GGVSESPSGFSKHIQSNLDFSPVNSASSEENVKYSSSQPEPRTGLSLWDTSPSYIDKL VQGISFSQPTCP
 DHMLLNSQLLGTGSSQNPWQRLVKRMTRFFTKLDADKSYQCLKETCEKLG YQWKSCMNQVTISTDTRR
 NNKLIFKVNLLMDDKILVDFRLSKGDGLEFKRHLKIKGKLIDIVSSQKVWLPAT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001114122

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_001114122.1, NP_001107594.1</u>
RefSeq Size:	4174 bp
RefSeq ORF:	1431 bp
Locus ID:	1111
UniProt ID:	<u>O14757</u>
Cytogenetics:	11q24.2
MW:	54.4 kDa