

Product datasheet for **RC225810A1V**

Human Chk1 (CHEK1) (NM_001114121) AAV Particle

Product data:

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



ORF Nucleotide Sequence: >RC225810 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGTGCCTTTGTGGAAGACTGGGACTTGGTGCAAACCTGGGAGAAGGTGCCTATGGAGAAGTTC
 AACTTGCTGTGAATAGAGTAAGTGAAGAAGCAGTCGCAGTGAAGATTGTAGATATGAAGCGTGCCGTAGA
 CTGTCCAGAAAAATTAAGAAAAGAGATCTGTATCAATAAATGCTAAATCATGAAAAATGTAGTAAAAATTC
 TATGGTCACAGGAGAGAAGGCAATATCCAATATTTATTTCTGGAGTACTGTAGTGGAGGAGAGCTTTTGT
 ACAGAAATAGAGCCAGACATAGGCATGCCTGAACCAGATGCTCAGAGATTCTTCCATCAACTCATGGCAGG
 GGTGGTTTATCTGCATGGTATTGGAATAACTCACAGGGATATTAACCAGAAAAATCTTCTGTTGGATGAA
 AGGGATAACCTCAAAATCTCAGACTTTGGCTTGGCAACAGTATTTCCGTATAATAATCGTGAGCGTTTGT
 TGAACAAGATGTGTGCTACTTTACCATATGTTGCTCCAGAACTTCTGAAGAGAAGAGAATTCATGCAGA
 ACCAGTTGATGTTTGGTCTGTGGAATAGTACTTACTGCAATGCTCGCTGGAGAATTGCCATGGGACCAA
 CCCAGTGACAGCTGTCAGGAGTATTCTGACTGGAAAGAAAAAACAATACCTCAACCCTTGAAAAA
 TCGATTCTGCTCCTCTAGCTCTGCTGCATAAAATCTTAGTTGAGAATCCATCAGCAAGAATTACCATTC
 AGACATCAAAAAGATAGATGGTACAACAAACCCCTCAAGAAAGGGGCAAAAAGGCCCGAGTCACTTCA
 GGTGGTGTGTCAGAGTCTCCAGTGGATTTTCTAAGCACATTCAATCCAATTTGGACTTCTCTCCAGTAA
 ACAGTGCTTCTAGTGAAGAAAATGTGAAGTACTCCAGTTCTCAGCCAGAACCCCGCACAGGTCTTTCTCT
 ATGGGATACCAGCCCTCATACATTGATAAATTGGTACAAGGGATCAGCTTTTCCAGCCACATGTCCT
 GATCATATGCTTTTGAATAGTCAGTACTTGGCACCCAGGATCCTCACAGAACCCCTGGCAGCGGTTGG
 TCAAAAGAATGACACGATTCTTTACCAAAATGGATGCAGACAAATCTTATCAATGCCTGAAAGAGACTTG
 TGAGAAAGTTGGGCTATCAATGGAAAGAAAGTTGTATGAATCAGGTTACTATATCAACAACATGATAGGAGA
 AACAATAAACTCATTTTCAAAGTGAATTTGTTAGAAATGGATGATAAAATATTGGTTGACTTCCGGCTTT
 CTAAGGGTGATGGATTGGAGTTCAAGAGACACTTCCTGAAGATTAAAGGGAAGCTGATTGATATTGTGAG
 CAGCCAGAAGGTTTGGCTTCTGCCACA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225810 protein sequence
 Red=Cloning site Green=Tags(s)

MAVPFVEDWDLVQTLGEGAYGEVQLAVNRVTTEEAVAVKIVDMKRAVDPCENIKKEICINKMLNHENVVKF
 YGHRREGNIQYLFLEYCSGGELFDRIEPDIGMPEPDAQRFHQLMAGVVYLHGIGITHRDIKPENLLLDE
 RDNLKISDFGLATVFRYNNRERLLNKMCGTLPYVAPELLKRREFHAEPVDVWSCGIVLTAMLAGELPWDQ
 PSDSCQEYSDWKEKKTYLNPWKIDSAPLALLHKILVENPSARITIPDIKKDRWYNKPLKKGAKRPRVTS
 GGVSESPSGFSKHIQSNLDFSPVNSASSEENVKYSSSQPEPRTGLSLWDTSPSYIDKLQGISFSQPTCP
 DHMLLNSQLLGTGSSQNPWQRLVKRMTFFTKLDADKSYQCLKETCEKLGQWKKSCMNQVTISTDRR
 NNKLIFKVNLLLEMDKILVDFRLSKGDGLEFKRHLKIKGKLIDIVSSQKVWLPAT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001114121

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:	NM_001114121.1 , NP_001107593.1
RefSeq Size:	2699 bp
RefSeq ORF:	1431 bp
Locus ID:	1111
UniProt ID:	O14757
Cytogenetics:	11q24.2
MW:	54.4 kDa