

Product datasheet for **RC215909A1V**

Human Chk2 (CHEK2) (NM_145862) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Chk2
Synonyms:	CDS1; CHK2; hCds1; HuCds1; LFS2; PP1425; RAD53
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC215909 representing NM_145862
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTCTCGGGAGTCGGATGTTGAGGCTCAGCAGTCTCATGGCAGCAGTGCCTGTTACAGCCCCATGGCA
 GCGTTACCCAGTCCCAAGGCTCCTCTCACAGTCCCAGGGCATATCCAGCTCCTCTACCAGCACGATGCC
 AAACCTCCAGCCAGTCTCTCACTCCAGCTCTGGGACACTGAGCTCCTTAGAGACAGTGTCCACTCAGGAA
 CTCTATTCTATTCTGAGGACCAAGAACCTGAGGACCAAGAACCTGAGGAGCCTACCCCTGCCCCCTGGG
 CTCGATTATGGGCCCTTCAGGATGGATTGGCAATCTTGAATGTGTGAATGACAACACTGGTGGGAG
 GGACAAAAGCTGTGAATTTGCTTTGATGAACCACTGCTGAAAAGAACAGATAAATACCGAACATACAGC
 AAGAAACACTTTTCGGATTTTCAGGGAAGTGGTCTAAAACTCTTACATTGCATACATAGAAGATCACA
 GTGGCAATGGAACCTTTGTAATACAGAGCTTGTAGGGAAGGAAAACGCCGCTCTTGAATAACAATTC
 TGAAATGCACTGTCACTAAGCAGAAATAAAGTTTTGTCTTTTTGATCTGACTGTAGATGATCAGTCA
 GTTTATCCTAAGGCATTAAGAGATGAATACATCATGTCAAAAACCTCTTGAAGTGGTGCCTGTGGAGAGG
 TAAAGCTGGCTTTCGAGAGGAAAACATGTAAGAAAGTAGCCATAAAGATCATCAGAAAAGGAAGTTTC
 TATTGGTTCAGCAAGAGAGGCGAGCCAGCTCTCAATGTTGAAACAGAAATAGAAATTTGAAAAAGCTA
 AATCATCCTTGCATCATCAAGATTAAGAACTTTTTGATGCAGAAGATTATTATTTGTTTGGAAATGA
 TGGAAAGGGGAGAGCTGTTTGACAAAGTGGTGGGAATAAACGCCCTGAAAGAAGCTACCTGCAAGCTCTA
 TTTTACCAGATGCTCTGGCTGTGCAGATTACTGATTTTGGGCACTCCAAGATTTTGGGAGAGACCTCT
 CTCATGAGAACCTTATGTGAACCCACCTACTTGGCGCTGAAGTCTTGTCTTGTGGGACTGCTG
 GGTATAACCGTCTGTGGACTGCTGGAGTTTAGGAGTTATCTTTTTATCTGCCTAGTGGGTATCCACC
 TTTCTCTGAGCATAGGACTCAAGTGTCACTGAAGGATCAGATCACCAGTGGAAAATACAACCTTATTCTCT
 GAAGTCTGGGCAGAAGTCTCAGAGAAAGCTCTGGACCTTGTCAAGAAGTTGTTGGTAGTGGATCCAAAGG
 CACGTTTTACGACAGAAGAAGCCTTAAGACACCCGTGGCTTCAGGATGAAGACATGAAGAGAAAGTTTCA
 AGATCTTCTGTCTGAGGAAAATGAATCCACAGCTCTACCCAGGTTCTAGCCAGCCTTCTACTAGTCGA
 AAGCGGCCCGTGAAGGGAAGCCGAGGTGCCGAGACCACAAAGCGCCAGCTGTGTGTCTGTGTGT
 TG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC215909 representing NM_145862
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MSRESVDVEAQSHGSSACSQPHGSVTQSQGSSSSQSGISSSTSTMPNSSQSSHSSSGLSSLETVSTQE
 LYSIPEDQEPEDQEPPEPTPAPWARLWALQDGFANLECVNDNYWFGGRDKSCEYCFDEPLLKRTDKYRTYS
 KKHFRIREFVGPKNYSYIAYIEDHSGNGTFVNTELVGKGRRPLNNSEIALSLSRNVFVFVFDLTVDDQS
 VYPKALRDEYIMSKTLGSGACGEVKLAFERKTCKKVAIKIISKRFKAIGSAREADPALNVETEIEILKKL
 NHPCIKIKNFFDAEDYYIVLELMEGGELFDKVVGNKRLKEATCKLYFYQMLLAVQITDFGHSKILGETS
 LMRTLCTPTYLAPVVLVSVGTAGYNRAVDCWSLGVILFICLSGYPPFSEHRTQVSLKDQITSGKYNFIP
 EVWAEVSEKALDLVKLLVVDPKARFTTEEALRHPWLQDEDMKRKFQDLLSENESTALPQVLAQPSTSR
 KRPREGEAEGAETTKRPAVCAVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_145862

ORF Size: 1542 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_145862.2 , NP_665861.1
RefSeq Size:	1775 bp
RefSeq ORF:	1545 bp
Locus ID:	11200
UniProt ID:	O96017
Cytogenetics:	22q12.1
MW:	57.3 kDa