

Product datasheet for **MR208692A1V**

Mouse Chek2 (NM_016681) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Chek2 (NM_016681) AAV Particle
Tag:	Myc-DDK
Symbol:	Chek2
Synonyms:	Cds1; CHK2; HUCDS1; Rad53
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208692 representing NM_016681
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAGAGTCATCATCAGTCCCACAGCAGCACCTCCTCGAAGGCTCATGACAGTGCTTCCTGTTACAGT
 CCCAGGTGGCTTCAGCCAGCCCAAGGCACTCCTTCTCAGTTGCACGAGCTCTCACAGTATCAGGGTTC
 GTCCAGCTCCTTACCGGCACAGTGCCGCTCCTCCAGCCAGTCCCTCGCACTCCAGTTCTGGGACTCTGAGC
 TCGCTGGAGACAGTGTCTACCCAGGAACTCTGTCTATTCTGAGGACCAAGAACCTGAAGAACCTGGTC
 CTGCCCTTGGGCTCGGCTATGGGCTCTCAGGATGGATTCTCCAATCTAGACTGTGTTAACGACAACTA
 CTGTTTTGGGAGAGATAAAAAGCTGTGAATATTGCTTCGATGGACCACTGTTGAGAAGGACGGACAAGTAC
 CGGACTTACAGCAAGAAGCATTTTCGATTTTCAGGAAATGGGCCCTAAAAATTGTTACATCGTATACA
 TAGAGGATCACAGTGGAAATGGAACCTTCGTAATACCGAGCTTATTGGGAAAGGCAAACGCTGCCTCT
 GAGTAACTCTGAAATCGCACTTTCCTATGTAGAAATAAAGTTTTTGTATTTTTTGTACTGACTGTA
 GATGATCAGTCAGTTTATCCTAAGGAATTAAGAGACGAATACATCATGTCAAAAACCTTTGGAAGTGGT
 CGTGTGGGAGGTAAAGATGGCTTTTGAGAGGAAGACATGTCAGAAAAGTGGCCATAAAGATCATTAGCAA
 GCGGAGTTTGTCTTGGCTCATCGAGAGAAGCCGACACAGCTCCAGTGTGAAACTGAAATAGAAATT
 TTGAAGAACTAAATCATCCATGCATCATCAAGATTAAGATGTTTTTGTGCGGAAGATTATTACATTG
 TTCTGGAAGTGTGGAAGGAGGAGAATTTGACCGGTGGTGGGAACAAGCGCTGAAAGAAGCCAC
 CTGTAAGCTCTACTTCTACCAGATGCTGTAGCTGTACAGTACCTTACGAAAATGGGATCATACATCGG
 GACTTAAAGCCGAGAATGTTCTTTTATCATCTCAGGAAGAGGATTGTCTAATCAAGATCACTGACTTTG
 GCGACTCAAGATCTTGGGGAGACCTCCTTGATGAGAACCCTATGTGGTACGCCCACTTACTGGCTCC
 TGAGTTCTTGTCTCCAACGGGACTGTGGGTACAGCCGCTGTGGACTGCTGGAGTTTAGGAGTTATT
 CTTTTCATCTGCCTAAGTGGGTATCCACCTTCTCTGAGCATAAGACCCAAGTGTCCCTGAAGGATCAGA
 TCACCAGTGGAAAGTACAACCTTTATCCTGAAGTCTGGACAGATGTCTCAGAGGAGGCTCTGGACCTGT
 CAAGAACTGTTAGTTGTAGACCCAAAGGCTCGGCTTACCACAGAGGAGGCCCTTAAATCATCCGTGGCTT
 CAGGATGAGTACATGAAGAAGAAATTTAGGATCTCCTGGTGCAGGAAAAGAACTCGGTGACCTCCCTG
 TGGCTCCCGCCAGACTCCAGTCAAAGCGGCCCTGGAAGTGGAGGTGGAGGGTATGCCGAGCACAAA
 ACGCCTGTCTGTGTGGGCTGTGTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MKSHHQSHSSTSSKAHDSASCSQSQGGFSQPQGTSQLHELSQLYQSSSSSTGTVPSSSQSHSSSGTLS
 SLETVSTQELCSIPEDQEPEEPGPAPWARLWALQDGFNLDCVNDNYWFGGRDKSCEYCFDGPLLRRTDKY
 RTYSKKHFRIIFREMGPKNYIVYIEDHSGNGTFVNTLIGKGRKPLSNSEIALSLCRNKVVFVFDLTV
 DDQSVYPKELRDEYIMSKTLGSGACGEVKMAFERKTCQKVAIKIISKRRFALGSSREADTAPSVETEIEI
 LKKNLHPCIIKIKDVFDAEDYYIVLELMEGGELFDRVVGKRLKEATCKLYFYQMLVAVQYLHENGIIHR
 DLKPNVLLSSQEEDCLIKITDFGQSKILGETSLMRTLCTGTPYLAPEVLSNGTAGYSRAVDCWSLGV
 LFIKLSGYPFSEHKTVSLKDQITSGKYNFIPEVWTDVSEALDLVKKLLVDPKARLTTEALNHPWL
 QDEYMKKKFQDLLVQEKNSVTLPVAPAQTSSQKRPLELEVEGMPSTKRLSVCQAVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_016681

ORF Size:	1638 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_016681.3</u>
RefSeq Size:	2247 bp
RefSeq ORF:	1641 bp
Locus ID:	50883
UniProt ID:	<u>Q9Z265</u>
Cytogenetics:	5 F
MW:	61.5 kDa