

Product datasheet for **RC202513A1V**

Human KEAP1 (NM_012289) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KEAP1 (NM_012289) AAV Particle
Tag:	Myc-DDK
Symbol:	KEAP1
Synonyms:	INrf2; KLHL19
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202513 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

 ATGCAGCCAGATCCCAGGCCTAGCGGGGCTGGGGCCTGCTGCCGATTCTGCCCTGCAGTCACAGTGCC
CTGAGGGGGCAGGGGACGCGGTGATGTACGCCTCCACTGAGTGAAGGCGGAGGTGACGCCCTCCAGCA
TGGCAACCGCACCTTCAGCTACACCCTGGAGGATCATACCAAGCAGGCCTTTGGCATCATGAACGAGCTG
CGGCTCAGCCAGCAGCTGTGTACGTCACACTGCAAGTCAAGTACCAGGATGCACCGGCCGCCAGTTCA
TGGCCCAAGGTGGTGTGCTGCTCATCCAGCCTGTCTTCAAGGCCATGTTACCAACGGGCTGCGGGA
GCAGGGCATGGAGGTGGTGTCCATTGAGGGTATCCACCCCAAGGTATGGAGCGCCTATTGAATTCGCC
TACACGGCCTCCATCTCCATGGGCGAGAAGTGTGCTCCACGTCATGAACGGTGTGTCATGTACCAGA
TCGACAGCGTTGTCGCTGCTGCACTGACTTCTGGTGCAGCAGCTGGACCCAGCAATGCCATCGGCAT
CGCCAACTTCGCTGAGCAGATTGGCTGTGTGGAGTTGCACAGCGTGCCCGGGAGTACATCTACATGCAT
TTTGGGGAGGTGGCCAAGCAAGAGGAGTTCTTCAACCTGTCCCACTGCCAACTGGTGACCTCATCAGCC
GGGACGACCTGAACGTGCGCTGCGAGTCCGAGGTCTTCCACGCCTGCATCAACTGGGTCAAGTACGACTG
CGAACAGCGACGGTTCTACGTCCAGGCGCTGCTGCGGGCGTGCGCTGCCACTCGTTGACGCCGAATTC
CTGCAGATGCAGCTGCAGAGTGCAGATCCTGCAGTCCGACTCCCGCTGCAAGGACTACCTGGTCAAGA
TCTTCGAGGAGCTCACCTGCACAAGCCACGCAGGTGATGCCCTGCCGGGCGCCCAAGGTGGGCCGCT
GATCTACACCGCGGGCGGCTACTTCCGACAGTCGCTCAGTACCTGGAGGCTTACAACCCAGTGACGGC
ACCTGGCTCCGTTGGCGGACCTGCAGGTGCCGCGAGCGGCTGGCCGGCTGCGTGGTGGGCGGGCTGT
TGTAACCGGTGGGCGGCAGGAACAACCTGCCCGACGGCAACACCGACTCCAGCGCCTGGACTGTTACAA
CCCCATGACCAATCAGTGGTGCCTGCGCCCTGCGCCCCCATGAGCGTGCCCGTAACCGCATCGGGGTGGGGTC
ATCGATGGCCACATCTATGCCGTGCGCGGCTCCACGGCTGCATCCACCACAACAGTGTGGAGAGGTATG
AGCCAGAGCGGGATGAGTGGCACTTGGTGGCCCAATGCTGACACGAAGGATCGGGGTGGGCGTGGCTGT
CCTCAATCGTCTCCTTTATGCCGTGGGGGGCTTTGACGGGACAAACCGCTTAATTACGTGAGTGTTAC
TACCCAGAGAGGAACGAGTGGCAATGATCACAGCAATGAACACCATCCGAAGCGGGGCGAGGCTCTGCG
TCCTGCACAACGTATCTATGCTGCTGGGGCTATGATGGTCAAGACAGCTGAACAGCGTGGAGCGCTA
CGATGTGGAAACAGAGACGTGGACTTTCTGAGCCCCATGAAGCACCGGCGAAGTGCCCTGGGGATCACT
GTCCACCAGGGGAGAATCTACGTCCTTGGAGGCTATGATGGTCACACGTTCTGGACAGTGTGGAGTGTT
ACGACCCAGATACAGACACCTGGAGCGAGGTGACCCGAATGACATCGGGCGGAGTGGGGTGGGCGTGGC
TGTCACCATGGAGCCCTGCCGGAAGCAGATTGACCAGCAGAACTGTACCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202513 protein sequence

Red=Cloning site Green=Tags(s)

 MQPDRPSGAGACCRFLPLQSQCPEGAGDAVMYASTECKAEVTPSQHGNRTFSYTLIEDHTKQAFGIMNEL
RLSQQLCDVTLQVKYQDAPAAQFMAHKVVLASSPVFKAMFTNGLREQGMEVVSIEGIHPKVMERLIEFA
YTASISMGEKCVLHVMNGAVMYQIDSVVRACSDFLVQQLDPSNAIGIANFAEQIGCVELHQRAREYIYMH
FGEVAKQEEFFNLSHCQLVTLISRDDLNVRCSEVFHACINWVKYDCEQRRFYVQALLRAVRCHSLTPNF
LQMQLQKCEILQSDSRCKDYLKIFEEITLHKPTQVMPCRAPKVGRLIYTAGGYFRQSLSYLEAYNPDSG
TWLRLADLQVPRSLAGCVVGGLLYAVGGNNSPDGNTDSSALDCYNPMTNQWSPCAPMSVPRNRIGVGV
IDGHIYAVGGSHGCIHNSVERYEPERDEWHLVAPMLTRRIGVGVAVLNRLLYAVGGFDGTNRLNSAECY
YPERNEWRMITAMNTIRSGAGVCVLHNCIYAAGGYDQDQLNSVERYDVTETWTFVAPMKHRRSALGIT
VHQGRIYVLGGYDGHFTLDSVECYDPDPTDWTSEVTRMTSGRSGVGVAVTMEPCRQIDQQNCTC

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_012289
ORF Size:	1872 bp
Buffer:	PBS with 0.001% Pluronic F5345
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_012289.3</u>
RefSeq Size:	2577 bp
RefSeq ORF:	1875 bp
Locus ID:	9817
UniProt ID:	<u>Q14145</u>
Cytogenetics:	19p13.2
MW:	69.7 kDa