

Product datasheet for **RC209817A1V**

Human MKLN1 (NM_013255) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MKLN1 (NM_013255) AAV Particle
Tag:	Myc-DDK
Symbol:	MKLN1
Synonyms:	TWA2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC209817 representing NM_013255
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCTGGCGGAGCTGTGCTGCGGCGCCGAGTGCCGGCTTCTCCCTACGCGCTACACAAGTGA
 GCTCCTTTTCTCCACCTACCTTCCCGAGAACATTTTAGTGACAAACCAATGACCAATCTTCAAGATG
 GTCTTCAGAGAGCAACTATCCTCCCACTGATTCTAAAGCTCGAAAGGCCTGCTATAGTTCAGAAT
 ATCACATTTGGAAAATATGAGAAAACATGTTTGCAATTTGAAGAAATTTAAAGTCTTGGTGAATGA
 ATGAAGAAAATATGACAGAGCTGTTGTCCAGTGGCTTAAAGAATGATTATAACAAAGAAACATTCACCTT
 GAAGCATAAAATTGATGAACAGATGTTCCCTTGTGCTGATTCAAATAAGTTCCTCTTGTCTGGGGA
 CCCAGCTTTAACTTTAGCATCTGGTATGTTGAAGTCTGATGATCCTGATATAGTACAACCTT
 GTCTCACTGGTATAGCAAGTACCGTGAACAGGAAGCTATTCGCTTTGCCTAAACACTTCAGACAACA
 CAACTATACAGAAGCTTTTGAGTCACTGCAAAAGAAAACCAAGATTGCACTGGAACATCCCATGTTAACA
 GATATTCATGACAAGCTGGTGTGAAGGGTGATTTTGATGCTTGCAGAGATTGATTGAAAAGGCTGTAA
 ATGATGGCTTGTCAATCAGTATATCAGTCAACAGGAATATAAGCCACGATGGAGTCAAAATCATTCCCAA
 AAGTACCAAGGTGATGGGGAAGATAACCGTCCAGGAATGAGAGGAGGCCATCAGATGGTTATTGATGTT
 CAAACAGAGACTGTTTATTTGTTGGTGGCTGGGATGGAACACAAGATCTTGCTGACTTCTGGGCGTACA
 GTGTGAAGGAGAACCACTGGACATGTATCTCTAGAGACACTGAAAAGAGAATGGTCTAGTGCCAGATC
 GTGTCAAAAATGTGATTGATATTCAACGGAGGCAAACTACACATTGGGGCGTTACTTGATTCTCTCT
 GTGAGGAACAGCAAACTCTGAAAAGTGAAGTCTATCGTTATGACATTGATACAAACACATGGATGTTAC
 TAAGTGAGGATACTGCTGCTGATGGAGGGCCGAAATTTGGTGTGATCATCAGATGTGTATGGACTCAGA
 AAAACATATGATCTACACTTTTGGTGGTGAATTTTGACTTGTAAATGGCAGCGTAGATGACAGCAGAGCC
 AGTGAACCACAATTCACTGGCTTGTGCTTCAACTGTCAATGTCAAACCTGGAACTTCTTAGAGAGG
 ACTCCTGTAATGCTGGGCTGAGGACATCCAGTCTCGAATAGGACACTGCATGTTATTCCACTCAAAAAA
 TCGTTGCTTATATGATTTGGTGGCCAGCGATCAAAGACCTATTTGAATGATTCTTTAGTTATGATGTG
 GACTCTGATCATGTAGACATAATATCAGATGGCACCAGAAAGACTCTGGGATGGTTCCAATGACAGGAT
 TTACACAGAGAGCAACTATTGATCCAGAACTGAACGAAATACACGTCTTATCTGGACTCAGCAAAAGATAA
 GGAAAAGAGGGAAGAAAATGTTAGAAATTCATTCTGGATTTATGACATTGTGAGGAATAGTTGGTCTTGT
 GTCTATAAGAATGATCAAGCTGCAAAGGATAATCCAACAAAAGTCTTCAGGAAGAAGAACCATGTCCAA
 GGTTTGCCCATCAGCTTGTATACGATGAGCTACACAAGGTTCACTTATTTGGTGGGAATCCAGGAAA
 ATCTTGCTCTCCAAAGATGAGATTAGATGACTTCTGGTCACTGAAGTTGTGTAGACCTTCAAAAGATTAT
 TTAAGTGGCATTGCAAGTACCTCATAAGAAAACAGGTTTGAAGAAAAGGCCCAAGTGGATCCCTTA
 GTGCTCTGAAATATTTACAAAATGATCTTTATATAACTGTGGATCATTGACCCAGAGAGACAAAAGA
 GTTTCAGCTCCTGGCATCAGCTCTATTCAAATCTGGTTGAGATTTTACAGCTCTGGGCTTTTCTGATGTG
 GATCACACCTATGCTCAAAGAACTCAGCTCTTTGACACCTTAGTAAATTTCTTCTGACAGCATGACTC
 CTCCTAAAGGCAACCTGGTAGACCTCATCACTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209817 representing NM_013255 Red=Cloning site Green=Tags(s) MAAGGAVAAAPPCRLLPYALHKWSSFSTYLPENILVDKPNQSSRWSSSNYPQYLILKLERPAIVQN ITFGKYEKTHVCNLKKFKVFGGMNEENMTELLSSGLKNDYNKETFTLKHKIDEQMFCRFIKIVPLLSWG PSFNFSIWYVELSGIDDPDIVQPCLNWYSKYREQEAIKRLCLKHFRQHNYTEAFESLQKKTKIALEHPMLT DIHDKLVKGDFDACEELIEKAVNDGLFNQYISQEQYKPRWSQIIPKSTKGDGEDNRPGRGGHQMVIDV QTETVYLFGGWDGTQDLADFWAYSVKENQWTCISRDEKENGPSARSCHKMCIDIQRRQIYTLGRYLDSS VRNSKSLKSDFYRYDIDTNTWMLLSEDTAADGGPKLVFDHQMCMDSKHMITYTFGGRILTCNGSVDDSR SEPQFSGLFAFNCQCQTWKLLEDSCNAGPEDIQSRIGHCMLFHSKNRCLYVFGGQRSKTYLNDFFSYDV DSDHVDIISDGTKKDSGMVPMGTGFTQRTIDPELNEIHVL SGLSKDKEKREENVNRNSFWIYDIVRNSWSC VYKNDQAAKDNPTKSLQEEPCPRFAHQLVYDELHKVHYLFGGNPGKSCSPKMRLDDFWSLKLCRPSKDY LLRHCKYLIRKHFEEKAQVDPLSALKYLQNDLYITVDHSDPEETKEFQLLASALFKSGSDFTALGFSDV DHTYAQRTQLFDTLVNFFPDSMTPPKGNLVDLITL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_013255
ORF Size:	2205 bp
Buffer:	PBS with 0.001% Pluronic F6509
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_013255.3
RefSeq Size:	11194 bp
RefSeq ORF:	2208 bp
Locus ID:	4289
UniProt ID:	Q9UL63
Cytogenetics:	7q32.3
MW:	84.8 kDa