

Product datasheet for **RC224919A1V**

Human HDAC2 (NM_001527) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HDAC2 (NM_001527) AAV Particle
Tag:	Myc-DDK
Symbol:	HDAC2
Synonyms:	HD2; KDAC2; RPD3; YAF1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC224919 representing NM_001527
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCGCTCACCTCCCTGCGGCCTCTGAGGTGGTTTGGTGGCCCCCTCCTCGCGAGTTGGTGCCGCTGCC
 ACCTCCGATTCCGAGCTTTCGGCACCTCTGCCGGGTGGTACCGAGCCTTCCCGCGCCCCCTCCTCTCCT
 CCCACCGGCTGCCCTTCCCGCGGACTATCGCCCCACGTTTCCCTCAGCCCTTTCTCTCCCGGCCG
 AGCCGCGGCGGCAGCAGCAGCAGCAGCAGCAGCAGGAGGAGGCCGGTGGCGCGGTGGCGGGGAGC
 CCATGGCGTACAGTCAAGGAGGCGGCAAAAAAAGTCTGCTACTACTACGACGGTGATATTGAAATTA
 TTATTATGACAGGGTCATCCCATGAAGCCTCATAGAATCCGCATGACCCATAACTTGCTGTAAATTAT
 GGCTTATACAGAAAAATGAAATATATAGGCCCATAAAGCCACTGCCGAAGAAATGACAAAATATCACA
 GTGATGAGTATATCAATTTCTACGGTCAATAAGACCAGATAACATGTCTGAGTATAGTAAGCAGATGCA
 GAGATTTAATGTTGGAGAAGATTGTCCAGTGTGGTGGACTCTTGAGTTTTGTCAGCTCTCAACTGGC
 GGTTCAAGTTGCTGGAGCTGTGAAGTTAAACCGACAACAGACTGATATGGCTGTTAATTGGGCTGGAGGAT
 TACATCATGCTAAGAAATCAGAAGCATCAGGATTCTGTTACGTTAATGATATTGTGCTTGCCATCCTTGA
 ATTACTAAAGTATCATCAGAGAGTCTTATATATTGATATAGATATTATCATGGTGATGGTGTGAAGAA
 GCTTTTATACAACAGATCGTGAATGACGGTATCATTCCATAAATATGGGGAATACTTTCCTGGCACAG
 GAGACTTGAGGGATATTGGTGTGAAAAGGCAAACTATGCTGTCAATTTCCAATGAGAGATGGTAT
 AGATGATGAGTCATATGGGCAGATATTAAGCCTATTATCTCAAAGGTGATGGAGATGTATCAACCTAGT
 GCTGTGGTATTACAGTGTGGTGCAGACTCATTATCTGGTGATAGACTGGGTGTTTCAATCTAACAGTCA
 AAGGTCATGCTAAATGTGTAGAAGTTGTAAGAACTTTAACTTACCATTACTGATGCTTGGAGGAGGTGG
 CTACACAATCCGTAATGTTGCTCGATGTTGGACATATGAGACTGCAGTTGCCCTTGATTGTGAGATTCCC
 AATGAGTTGCCATATAATGATTACTTTGAGTATTTGGACCAGACTTCAAAGTGCATATTAGTCCTTCAA
 ACATGACAAACAGAACTCCAGAATATATGAAAAGATAAAACAGCGTTTGTGTTGAAAATTTGCGCAT
 GTTACCTCATGCACCTGGTGTCCAGATGCAAGCTATTCCAGAAGATGCTGTTATGAAGACAGTGGAGAT
 GAAGATGGAGAAGATCCAGACAAGAGAATTTCTATTGAGCATCAGACAAGCGGATAGCTTGTGATGAAG
 AATTCTCAGATTCTGAGGATGAAGGAGAAGGAGGTGGAAGAAATGTGGCTGATCATAAGAAAGGAGCAAA
 GAAAGCTAGAATTGAAGAAGATAAGAAAGAAACAGAGGACAAAAAACAGACGTTAAGGAAGAAGATAAA
 TCCAAGGACAACAGTGGTGAAGAAACAGATACCAAGGAACCAATCAGAACAGCTCAGCAACCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MRSPPCGLLRWFGGPLLASWCRCHLRFRAFGTSGWYRAFPAPPPPLPPACPSPRDYRPHVSLSPFLSRP
 SRGSSSSSSSSRRSPVAAVAGEPMAYSQGGGKKKVCYYYDGDIGNYYYGQGHMPKPHRIRMTHNLLNY
 GLYRKMEIYRPHKATAEEMTKYHSDEYIKFLRSIRPDNMSEYSKQMQRFNVEDCPVFDGLFEFCQLSTG
 GSVAGAVKLNRRQDTMAVNWAGGLHHAKKSEASGFCYVNDIVLAILELLKYHQRVLYIDIDIHHDGVEE
 AFYTDRVMTVSFHKYGEYFPGTDLRDIGAGKGKYYAVNFPMRDGIDDESQYGFKPIISKVMEMYQPS
 AVVLQCGADSLSGDRLGCFNLTVKGHAKCDEVVKTFNLPLMLGGGYTIRNVARCWYETAVALDCEIP
 NELPYNDYFEYFGPDFKLHISPSNMTNQNTPEYMEKIKQRLFENLRMLPHAPGVQMQAIPEDAVHEDSGD
 EDGEDPDKRISIRASDKRIACDEEFSDSEDEGEGGRRNVADHKKGAKKARIEEDKKETEDKKTVDKKEEDK
 SKDNSGEKTDTKGKSEQLSNP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_001527
ORF Size:	1746 bp
Buffer:	PBS with 0.001% Pluronic F8883
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_001527.2</u> , <u>NP_001518.2</u>
RefSeq Size:	6656 bp
RefSeq ORF:	1467 bp
Locus ID:	3066
UniProt ID:	<u>Q92769</u>
Cytogenetics:	6q21
MW:	66 kDa