

Product datasheet for **RC215267A1V**

Human HDAC9 (NM_014707) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HDAC9 (NM_014707) AAV Particle
Tag:	Myc-DDK
Symbol:	HDAC9
Synonyms:	HD7; HD7b; HD9; HDAC; HDAC7; HDAC7B; HDAC9B; HDAC9FL; HDRP; MITR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215267 representing NM_014707
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCACAGTATGATCAGCTCAGTGGATGTGAAGTCAGAAGTTCCTGTGGCCTGGAGCCCATCTCACCTT
 TAGACCTAAGGACAGACCTCAGGATGATGATGCCCGTGGTGGACCCTGTTGTCCGTGAGAAGCAATTGCA
 GCAGGAATTACTTCTTATCCAGCAGCAGCAACAATCCAGAAGCAGCTTCTGATAGCAGAGTTTCAGAAA
 CAGCATGAGAAGTTGACACGGCAGCACCAGGCTCAGCTTCAGGAGCATATCAAGGAACTTCTAGCCATAA
 AACAGCAACAAGAAGCTCTAGAAAAGGAGCAGAACTGGAGCAGCAGAGGCAAGAACAGGAAGTAGAGAG
 GCATCGCAGAGAACAGCAGCTTCTCTCTCAGAGGCAAGATAGAGGACGAGAAAGGGCAGTGGCAAGT
 ACAGAAGTAAAGCAGAAGCTTCAAGAGTTCTACTGAGTAAATCAGCAACGAAAGACACTCCAATAATG
 GAAAAAATCATTCCGTGAGCCGCCATCCCAAGCTCTGGTACACGGCTGCCACCACACATCATTGGATCA
 AAGCTCTCCACCCCTTAGTGGAACATCTCCATCTACAAGTACACATTACCAGGAGCACAAGATGCAAG
 GATGATTTCCCCCTTCGAAAACTGCCTCTGAGCCCAACTTGAAGGTGCGGTCCAGGTTAAACAGAAAG
 TGGCAGAGAGGAGAAGCAGCCCTTACTCAGGCGGAAGGATGGAATGTTGTCACTTCATTCAAGAGCG
 AATGTTTGAGGTGACAGAATCCTCAGTCAGTAGCAGTTCTCCAGGCTCTGGTCCCAGTTCACCAACAAT
 GGGCCAAGTGAAGTGTACTGAAATGAGACTTCGGTTTTGCCCCCTACCCCTCATGCCGAGCAATAG
 TTTACAGCAACGCATTCTAATTCATGAAGATTCCATGAACCTGCTAAGTCTTTATACCTCTCCTCTTT
 GCCCAACATTACCTGGGGCTTCCCGCAGTGCCATCCAGCTCAATGCTTCGAATTCACCTCAAAGAAAAG
 CAGAAGGTGAGACGCAGACGCTTAGGCAAGGTGTTCTCTGCCTGGGCAGTATGGAGGCAGCATCCCGG
 CATCTTCCAGCCACCTCATGTTACTTTAGAGGAAAAGCCACCAACAGCAGCCACCAGGCTCTCCTGCA
 GCATTTATTATTGAAAGAACAAATGCGACAGCAAAAAGCTTCTTGAGCTGGTGGAGTCCCTTACATCCT
 CAGTCTCCCTTGGAACAAAAGAGAGAATTTACCTGGCATTAGAGGTACCCACAAATGCCCGTCACA
 GACCCCTGAACCGAACCCAGTCTGCACCTTTCCTCAGAGCACGTTGGCTCAGCTGGTCAATCAACAGCA
 ACACCAGCAATCTTGGAGAAGCAGAAGCAATACCAGCAGCAGATCCACATGAACAACTGCTTTCGAAA
 TCTATTGAACAACTGAAGCAACCCAGGAGTACCTTGAGGAAGCAGAGGAAGAGCTTCAGGGGGACCAGG
 CGATGCAGGAAGACAGAGCGCCCTCTAGTGGCAACAGCACTAGGAGCGACAGCAGTGTGTGTGGATGA
 CACACTGGGACAAGTTGGGGCTGTGAAGGTCAAGGAGGAACAGTGGACAGTGTGAAGATGCTCAGATC
 CAGGAAATGGAATCTGGGAGCAGGCTGCTTTTATGCAACAGGTAAATAGGCAAGATTTAGCTCCAGGAT
 TTGTAATTAAGTCATTATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC215267 representing NM_014707
 Red=Cloning site Green=Tags(s)

MHSMISSVDVKSEVPVGLPEISPLDLRTDLRMMPVVDPPVREKQLQQELLLIQQQQQIQKQLLIAEFQK
 QHENLTRQHQAQLQEHKELLAIKQQQELLEKEQKLEQQRQEVEVERHREQLPPLRGKDRGRERAVAS
 TEVKQKLQEFLLSKSATKDTPTNGKNHVSRRPKLWYTAHHTSLDQSSPPLSGTSPSYKYTLPGAQDAK
 DDFPLRKTAEPNLKVRSLKQKVAERRSSPLLRKDGNNVTSFKKRMFEVTESSVSSSSPGSGPSSPNN
 GPTGSVTENETSVLPPTPHAEQMVQQIRILIHEDSMNLLSLYTSPLPNITLGLPAVPSQLNASNSLKEK
 QKCETQTLRQGVPLPGQYGGIPASSSHPHVTLEGKPPNSSHQALLQHLLLEKMRQKLLVAGGVPLHP
 QSPLATKERISPGIRGTHKLPRHRPLNRTQSAPLPQSTLAQLVIQQQHQQFLEKQKQYQQQIHMNKLLSK
 SIEQLKQPGSHLEEAEEELQGDQAMQEDRAPSSGNSTRSDSSACVDDTLGQVGAVKVKEEPVDSDEDAQI
 QEMESGEQAAMQVIGKDLAPGFVIKVII

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014707
ORF Size:	1770 bp
Buffer:	PBS with 0.001% Pluronic F7351
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_014707.1</u>
RefSeq Size:	4238 bp
RefSeq ORF:	1773 bp
Locus ID:	9734
UniProt ID:	<u>Q9UKV0</u>
Cytogenetics:	7p21.1
MW:	65.7 kDa