

Product datasheet for **RC227709A1V**

Human JMJD5 (KDM8) (NM_001145348) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human JMJD5 (KDM8) (NM_001145348) AAV Particle
Tag:	Myc-DDK
Symbol:	JMJD5
Synonyms:	JMJD5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC227709 representing NM_001145348
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGCCGCGAGAAATGCAGCCCCGGGAAGGCGCTGAGGAGGGAAGGGGTCTGAGGCCTCGGGGCTCA
 AGGCCAGTGCGGGGCACGGGACTGAACCACTGGTGGTGGCCGATGGCTGGAGACACCCACTGCCCCGC
 AGAGCCCTGGCCAGAGAAGGCACTTTATGGGAGGCCCTCAGGGCGCTCCTGCCGCACAGTAAAGAAGAC
 CTGAAGTTGGACCTCGGGGAGAAAGTGGAGAGGAGCGTGGTGACATTGTTGCAGCGAGCCACTGAGCTCT
 TCTACGAGGGCAGGAGGACGAGTGTCTGCAGAGCAGCGAGGTGATCCTGGACTACTCCTGGGAGAAGCT
 CAACACGGGCACATGGCAGGACGTAGACAAAGACTGGCGCCGGGTCTACGCCATCGGCTGCCTCCTGAAA
 GCCCTGTGTCTGTGCCAGGCACCTGAGGATGCCAACACTGTGGCCGACGCCCTGCGGGTCTGTGACATGG
 GCCTGCTGATGGGGGACGCCATCCTGGGGACATCCTTCTAAAGTCGCTGCCATCCTCCAGACACACCT
 CCCTGGAAGAGGCCTGCCCGTGGCTCCCTCCAGAGCAACCTGCACAAAGAAAGCAAGGGCGGACCAT
 GGTTTGATTCCAGATGTGAAGTTAGAAAAACAGTCCCCCGGCTGCACCGTCCGTCCCTCCAGCATTTCA
 GGGAGCAGTTTTTGGTTCCAGGGAGGCCCGTGATCCTGAAAGGCGTGGTGACCACTGGCCGTGCATGCA
 GAAGTGGAGTTTGGAGTATATCCAGGAGATCGCTGGCTGCCAACTGTCCAGTGAAGTTGGTTCGAGG
 TACACAGATGAGGAATGGTCCCAGACCCTCATGACGGTCAACGAGTTCATCAGCAATACATCGTGAATG
 AGCCAAGGACGTCGGGTACCTTGCTCAGCACCAGCTCTTTGACCAGATCCCGGAGTTGAAGCAGGACAT
 CAGCATCCCCGACTACTGCAGCCTGGGCGATGGGGAGGAGGAGAAATCACCATCAATGCCTGGTTTGGT
 CCCCAGGAACCATCTCCCCACTACATCAGGATCCCCAGCAAACTTCTAGTGCAGGTGATGGGGAGGA
 AGTACATCCGGCTGTATCCCCGAGGAGTCAAGGGCTCTGTACCCTCATGACACGCACCTTCTCCATAA
 CACGAGCCAGGTTGACGTGGAGAATCCCGACCTGGAAAAGTTCCCAAGTTTGCCAAGGCCCCATTCTCTG
 TCCTGCATCCTGTCTCTGGAGAGATCCTGTTTCATCCCGGTGAAATACTGGCATTACGTGCGGGCTCTGG
 ATTTGAGCTTCTCGGTACGTTCTGGTGGTCG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227709 representing NM_001145348
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MSREKSPGEGAEERGRSEASGLKASAGHGTEPAGGGPMAGDTHCPAEPLAREGTLWEALRALLPHSKED
 LKLDLGEKVERSIVTLLQRATELFYEGRRDECLQSSEVILDYSWEKLNLTGWQDVQDWRVYVYIGCLLK
 ALCLCQAPEDANTVAAALRVCDMGLLMGAAILGDILLKVAAILQTHLPGRPARGSLPEQPCTKKARADH
 GLIPDVKLEKTVPRLHRPSLQHFREQFLVGRPVILKGVADHWPCMQKWSLEYIQEIAGCRTVPVEVGSR
 YTDEEWSQTLMTVNEFISKYIVNEPRDVGylaQHQLFDQIPELKQDISIPDYCSLGDGEEEEITINAWFG
 PQGTISPLHQDPQQNFLVQVMGRKYIRLYSPQESGALYPHDTHLLHNTSQVDVENPDLEKFPKFAKAPFL
 SCILSPGEILFIPVKYWHYVRALDLFSVSFWWS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145348

ORF Size:

1362 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_001145348.1</u> , <u>NP_001138820.1</u>
RefSeq ORF:	1365 bp
Locus ID:	79831
UniProt ID:	<u>Q8N371</u>
Cytogenetics:	16p12.1
MW:	50.7 kDa