

Product datasheet for **RC228358A1V**

Human JMJD4 (NM_001161465) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human JMJD4 (NM_001161465) AAV Particle
Tag:	Myc-DDK
Symbol:	JMJD4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228358 representing NM_001161465 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCGTGCAGGCCCGGAGCCCCAGGCGCTGGCGGGCAGAAACGCGGCGCCCTGCGTCTTCTGGTTCGA
GGCTGGTCTCACCGTTTCCGCTCCGGCGGAAGTGAGGAGGAGGGTCTTCGACCCGTGCTGAGCTGGAT
GGACCGCGAGACGCGCGCCCTCGCCGACAGCCACTTCGAGGCCCTGGGGTTCGATGTCCCGGCGTCGGC
CAGGCTCCGGGCCGGGTAGCCTTCGTCTCGGAGCCGGGCGCCTTCTCCTACGCCGACTTTGTGCGGGCT
TCTTGCTGCCAACCTGCCCTGCGTGTTCAGCGCCTTCACGCAGGGCTGGGGCAGCCGGCGGCGCTG
GGTGACGCCCGCGGGGAGGCCGACTTCGACCACCTGCTACGGACCTACGGAGACGTGGTTGTACCAATT
GCAAACTGTGGGTCCAGGAATACAACCTCGAACCCAAAGAGCACATGACTCTCAGAGACTACATCACT
ACTGGAAGAGTACATACAGGCGGGCTACTCCTCTCCAGGGGCTGTCTCTACCTCAAAGACTGGCACTT
GTGCAGGGACTTTCCGGTGGAGGACGTTTTACCCCTGCCTGTGTACTTCTCGTCCGACTGGCTGAATGAG
TTCTGGGATGCACTGGATGTGGATGACTACCGCTTTGTCTACGCGGGGCTGCGGGCAGCTGGTCCCCGT
TCCATGCTGACATCTCCGCTCCTTCAGCTGGTCTGTCAATGTCTGTGGGAGGAAGAAGTGGCTCCTCTT
CCCCCAGGGCAGGAAGAGGCCCTGCGGGACGCCACGCAACCTGCCCTACGACGTGACCTCCCCAGCA
CTCTGCGACACACCTGCACCCACGGAACAGCTTGCTGGCCACCCCTTGAGATCACGCAGGAAGCGG
GCGAGATGGTGTGTTGTGCCAGTGGCTGGCACCACCAAGGTGCACAACCTGGATGACACCATCTCCATCAA
CCACAACCTGGTCAATGGCTTCAACCTGGCCAACATGTGGCGCTTCTTGAGCAGGAGCTATGCGCCGTG
CAGGAGGAGGTATCATGAGGTCTGCTCGGGCATCACTTTGAAGAGTTTACCACTTCTCAAGGTCA
TCGCTGAGAAGAGGCTCCTGGTCTGAGGGAGGAGCCGCTGAGGACGGTGTGGGTTGGGTTTCGAACA
GGCAGCCTTTGATGTTGGGCGCATCACAGAGGTGCTGGCCTCCTTGTTGCGCACCCGACTTCAGAGA
GTGGACACCAGCGCTTCTACCACAGCCCAAAGAGCTGCTGCAGCAGCTGAGAGAGGCTGTTGATGCTG
CTGCGGCCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228358 representing NM_001161465 Red=Cloning site Green=Tags(s) MRAGPEPQALAGQKRGALRLLVPRLVLTVSAPAEVRRRVLRPVLWMDRETRALADSHFRGLGVDVPGVG QAPGRVAFVSEPGAFSYADFVRGFLLPNLPCVFSSAFTQGWGSRRRWVTPAGRPDFDHLRLTYGDVVVPV ANCGVQEYNSNPKEHMTLRDYITYWKEYIQAGYSSPRGCLYKDWHLCRDFPVEDVFTLPVYFSSDWLNE FWDALDVDDYRFVYAGPAGSWSPFHADIFRSFSWSVNVCGRKKWLLFPPGQEEALRDRHGNLPYDVTSPA LCDTHLHPRNQLAGPPEITQEAGEMVFVPSGWHHQVHNLDDTISINHNWVNGFNLANMWRFLQQELCAV QEEVIMRSCSGINFEEFYHFLKVIAEKRLLVLEAAAEDGAGLGFEQAAFDVGRITEVLASLVAHPDFQR VDTSAFSPQPKELLQQLREAVDAAAAP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001161465
ORF Size:	1341 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_001161465.1, NP_001154937.1</u>
RefSeq ORF:	1206 bp
Locus ID:	65094
UniProt ID:	<u>Q9H9V9</u>
Cytogenetics:	1q42.13
MW:	50.3 kDa