

Product datasheet for **RC202367A1V**

Human EZH1 (NM_001991) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EZH1 (NM_001991) AAV Particle
Tag:	Myc-DDK
Symbol:	EZH1
Synonyms:	KMT6B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202367 representing NM_001991
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATACCAAATCCCCCTACCTCCAAATGTATCACTTACTGGAAAAGAAAAGTGAAATCTGAATACA
 TGCAGACTTCGACAACTTAAACGGCTTCAGGCAAAATATGGGTGCAAAGGCTTTGTATGTGGCAAATTTGC
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 CTTCCACACAAGGTACAACTACCAACCCTGCGACCCAGACCGCCCTGTGACAGCACCTGCCCTG
 CATCATGACTCAGAATTTCTGTGAGAAGTTCTGCCAGTGAACCCAGACTGTGAGAATCGTTTCCCTGGC
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 CCAGCGTGGACTTAAGAAGCACCTGCTGCTGGCCCCCTCTGATGTGGCCGGATGGGGCACCTTCATAAG
 GAGTCTGTGCAAGAAGCAATTCATTTCTGAATACTGTGGTGAGCTCATCTCTCAGGATGAGGCTGATC
 GACGCGGAAAGGTCTATGACAAATACATGTCCAGCTTCTCTTCAACCTCAATAATGATTTTGTAGTGGA
 TGCTACTCGGAAAGGAAACAAATTCGATTGCAATCATTGAGTGAATCCCAACTGTTATGCCAAAGTG
 GTCATGGTGAATGGAGACCATCGATTGGGATCTTGGCAAGAGGGCAATTCAAGCTGGCGAAGAGCTCT
 TCTTTGATTACAGGTACAGCAAGCTGATGCTCTCAAGTACGTGGGATCGAGAGGGAGACCGACGTCCT
 T

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202367 representing NM_001991 Red=Cloning site Green=Tags(s) MEIPNPPTSKCITYWKRKVKSEYMRLQLKRLQANMGAKALYVANFAKVQEKQTQILNEEWKKLRVQPVQS MKPVSGHPFLKKCTIESIFPGFASQHMLMRLNTVALVPIMYSWSPLQQNFMVEDETLCNIPYMGDEVK EEDETFIEELINNYDGKVHGEEMIPGSVLISDAVFLELVDALNQYSDEEEEGHNDTSDGKQDDSKEDLP VTRKRKRHAIEGNKSSKKQFPNDMIFSAIASMFPENGVPDDMKERYRELTEMSPNALPPQCTPNIDGP NAKSVQREQSLHSFHTLFCRRCFKYDCFLHPPHATPNVYKRKNKEIKIEPEPCGTDCLLLEGAKEYAML HNPRSKCSGRRRRRHIVSASCSNASASAVAETKEGDSRDTGNDWASSSSEANSRCQTPTKQKASPAPP QLCVVEAPSEPVEWTGAEESLFRVFHGTYNFNCIARLLGKTCKQVFQFAVKESLILKLPTDELMNPS QKKKRKHRLWAAHCRKIQLKKNSSSTQVYNYQPCDHPDRPCDSTCPCIMTQNFCEKFCQCNPDQNRFP CRCKTQCNTKQPCYLAVERCDPDLCLTCGASEHWDCKVVSCKNCSIQRGLKKHLLAPSDVAGWGTFIK ESVQKNEFISEYCGELISQDEADRRGKVDKYMSSFLFNLNDFVVDATRKGNKIRFANHSVNPNCYAKV VMVNGDHRIGIFAKRAIQAGEELFFDYRSQADALKYVGIERETDVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001991
ORF Size:	2241 bp
Buffer:	PBS with 0.001% Pluronic F5321
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_001991.2</u>
RefSeq Size:	4640 bp
RefSeq ORF:	2244 bp
Locus ID:	2145
UniProt ID:	<u>Q92800</u>
Cytogenetics:	17q21.2
MW:	85.1 kDa