

Product datasheet for **RC202054A1V**

Human EZH2 (NM_004456) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EZH2 (NM_004456) AAV Particle
Tag:	Myc-DDK
Symbol:	EZH2
Synonyms:	ENX-1; ENX1; EZH2b; KMT6; KMT6A; WVS; WVS2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202054 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCCAGACTGGGAAGAAATCTGAGAAGGGACCAGTTTGTGGCGGAAGCGTGTAAAATCAGAGTACA
TGCGACTGAGACAGCTCAAGAGGTTTCAGACGAGCTGATGAAGTAAAGAGTATGTTTAGTTCCAATCGTCA
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CTGACTTCTGTGAGCTCATTGCGCGGGACTAGGGAGTGTTCGGTGACCAGTGACTTGGATTTTCCAACAC
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GCAGAAATTTATGGTGAAGATGAACTGTTTTACATAACATTCTTATATGGGAGATGAAGTTTATAGT
CAGGATGGTACTTTCATTGAAGAACTAATAAAAAATTATGATGGGAAAGTACACGGGGATAGAGAATGTG
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AGTGTGACCCTGACCTCTGTCTTACTTGTGGAGCCGCTGACCATTGGGACAGTAAAAATGTGTCTGCAA
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ATTTTTATCAAAGATCCTGTGCAGAAAAATGAATTCATCTCAGAATACTGTGGAGAGATTATTTCTCAAG
ATGAAGCTGACAGAAGAGGGAAGTGTATGATAAATACATGTGCAGCTTTCTGTTCAACTGAACATGA
TTTTGTGGTGGATGCAACCCGCAAGGTAACAAAATTCGTTTTGCAAATCATTCCGTAATCCAACTGC
TATGCAAAAGTTATGATGGTTAACGGTGATCACAGGATAGGTATTTTGGCAAGAGAGCCATCCAGACTG
GCGAAGAGCTGTTTTTGTATTACAGATACAGCCAGGCTGATGCCCTGAAGTATGTCGGCATCGAAAGAGA
AATGGAATCCCT

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC202054 protein sequence Red=Cloning site Green=Tags(s) MGQTGKKSEKGPVCWRKRVKSEYMRLRQLKRFRADEVKSMFSSNRQKILERTEILNQEWKQRRIQPVHI LTSVSSLRGTRECSVTSDLDFPTQVIPLKTLNAVASVPIMYSWSPLQQNFMVEDETVLHNIPYMGDEVLD QDGTFFIEELIKNYDGKVHGDRECGFINDEIFVELVNALGQYNDGDDDDGDDPEEREKQKDLHRDDK ESRPPRKFPKIFEAISSMFPDKGTAEELKEKYKELTEQQLPGALPPECTPNIDGPNKSVQREQSLHS FHTLFCRRCFKYDCFLHRKCNYSFHATPNTYKRKNTETALDNKPCGPQCYQHLEGAKEFAAALTAERIKT PPKRPGGRRRGRPLPNSSRPSTPTINVLESKDTSDREAGTETGGENNDEEEEEKKDETSSSEANSRCQ TPIKMKPNIEPPENVEWSSGAEASMFRLIGTYYDNFCAIARLIGTKTCRQVYEFVRVKESSIIAPAPAEDV DTPPRKKRKHRLWAAHCRKIQLKKGSSNHVYNYQPCDHPRQPCDSSPCVIAQNFCEKFCQCSSECQN RFPGCRCKAQCNKQPCPYLAVRECDPDLCLTCGAADHWDSKNVSKNCISQSGSKHLLAPSDVAGWG IFIKDPVQKNEFISEYCGEIIISQDEADRRGKVYDKYMCNFLNNDFFVDATRKGNKIRFANHSVNPNC YAKVMVNGDHRIGIFAKRAIQTGEELFFDYRYSQADALKYVGIEREMEIP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004456
ORF Size:	2253 bp
Buffer:	PBS with 0.001% Pluronic F5273
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_004456.3</u>
RefSeq Size:	2723 bp
RefSeq ORF:	2256 bp
Locus ID:	2146
UniProt ID:	<u>Q15910</u>
Cytogenetics:	7q36.1
MW:	86 kDa