

Product datasheet for **RC202382A1V**

Human MECP2 (NM_004992) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MECP2 (NM_004992) AAV Particle
Tag:	Myc-DDK
Symbol:	MECP2
Synonyms:	AUTSX3; MRX16; MRX79; MRXS13; MRXSL; PPMX; RS; RTS; RTT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202382 representing NM_004992
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTAGCTGGGATGTTAGGGCTCAGGGAAGAAAAGTCAAGACCAGGACCTCCAGGGCCTCAAGGACA
 AACCCCTCAAGTTTAAAAAGGTGAAGAAAGATAAGAAAGAAAGAGAGGGCAAGCATGAGCCCGTGCA
 GCCATCAGCCCACTCTGCTGAGCCCGCAGAGGCAGGCAAGCAGAGACATCAGAAGGTCAGGCTCC
 GCCCGGCTGTGCCGGAAGCTTCTGCCTCCCCAAACAGCGGCGCTCCATCATCCGTGACCGGGGACCCA
 TGTATGATGACCCACCTGCCTGAAGGCTGGACACGGAAGCTTAAGCAAAGGAAATCTGGCCGCTCTGC
 TGGGAAGTATGATGTGATTTGATCAATCCCAGGGAAAGCCTTTCGCTCTAAAGTGGAGTTGATTGCG
 TACTTCGAAAAGGTAGGCGACACATCCCTGGACCCTAATGATTTTGACTTCACGGTAACCTGGGAGAGGGA
 GCCCTCCCGGAGAGCAGAAACACCTAAGAAGCCCAATCTCCAAAGCTCCAGGAAGTGGCAGAGG
 CCGGGGACGCCCAAAGGGAGCGCACACGAGACCCAAAGCGGCCACGTCAGAGGGTGTGCAGGTGAAA
 AGGGTCCTGGAGAAAAGTCTGGGAAGCTCCTTGTCAAGATGCCTTTTCAAATTCGCCAGGGGGCAAGG
 CTGAGGGGGTGGGGCCACCACATCCACCCAGGTCATGGTGATCAAACGCCCCGGCAGGAAGCGAAAAGC
 TGAGGCCGACCCTCAGGCCATTCCTCAAGAAACGGGGCCGAAAGCCGGGGAGTGTGGTGGCAGCCGCTGCC
 GCCGAGGCCAAAAGAAAGCCGTGAAGGAGTCTTCTATCCGATCTGTGCAGGAGACCGTACTCCCATCA
 AGAAGCGCAAGACCCGGGAGACGGTCAGCATCGAGGTCAAGGAAGTGGTGAAGCCCTGCTGGTGTCCAC
 CCTCGGTGAGAAGAGCGGGAAGGACTGAAGACCTGTAGAGCCCTGGGCGGAAAAGCAAGGAGAGCAGC
 CCCAAGGGGCGCAGCAGCAGCGCTCTCACCCCCAAGAAGGAGCACCACCACCATCACCACCTCAG
 AGTCCCCAAAGGCCCGCTGCCACTGCTCCCACCCCTGCCCCACCTCCACCTGAGCCCAGAGCTCCGA
 GGACCCCAACAGCCCCCTGAGCCCCAGGACTTGAGCAGCAGCGTCTGCAAAGAGGAGAAGATGCCCAGA
 GGAGGCTCACTGGAGAGCGACGGCTGCCCAAGGAGCCAGCTAAGACTCAGCCCGCGGTTGCCACCGCCG
 CCACGGCCGAGAAAAGTACAAACACCGAGGGGAGGAGAGCGCAAAGACATTGTTTCATCCTCCATGCC
 AAGGCCAAACAGAGAGGAGCCTGTGGACAGCCGACGCCCGTGACCGAGAGAGTTAGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202382 representing NM_004992
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MVAGMLGLREEKSEDQDLQGLKDKPLKFKKVKKDKKEEKEGKHEPVQPSAHHSAEPAEAGKAETSESGS
 APAPPEASAPKQRRSIIRDRGPMYDDPTLPEGWTRKLKQKSGRSAGKYDVYLINPQKAFRSKVELIA
 YFEKVGDTSLDPNDFDFVTGGRGSPSRREQPKPKPKSPKAPGTGRGRPRKSGSTTRPKAATSEGVQVK
 RVLEKSPGKLLVKMPFQTSPPGKAEGGATTSTQVMVIKRPGRKRKAEADPQAIKKRGRKPGSVVAAAA
 AEAKKKAVKESSIRSVQETVLPICKRKTRETVSIEVKEVVKPLLVSTLGEKSGKGLTKCKSPGRKSKESS
 PKGRSSSASSPPKKEHHHHHHHSESPKAPVPLLPPLPPPPPEPESSEDPTSPPEPQDLSSSVCKEEKMPR
 GGSLESDGCPKEPAKTQPAVATAATAAEKYKHRGEGERKDIVSSMPRPNREEPVDSRTPVTERVS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004992

ORF Size:

1458 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_004992.2</u>
RefSeq Size:	10182 bp
RefSeq ORF:	1461 bp
Locus ID:	4204
UniProt ID:	<u>P51608</u>
Cytogenetics:	Xq28
MW:	52.3 kDa