

Product datasheet for **RC223909A1V**

Human MBD4 (NM_003925) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MBD4 (NM_003925) AAV Particle
Tag:	Myc-DDK
Symbol:	MBD4
Synonyms:	MED1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223909 representing NM_003925
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCACGACTGGGCTGGAGAGTCTGAGTCTGGGGACCGCGGAGCTGCCCCACCGTCACCTCTAGTG
 AGCGCCTAGTCCAGACCGCCGAATGACCTCCGCAAAGAAGATGTTGCTATGGAATTGGAAAGAGTGGG
 AGAAGATGAGGAACAAATGATGATAAAAAGAAGCAGTGAATGTAATCCCTTGCTACAAGAACCCATCGCT
 TCTGCTCAGTTTGGTGTACTGCAGGAACAGAATGCCGTAAGTCTGTCCATGTGGATGGGAAAGAGTTG
 TGAAGCAAAGGTTATTTGGGAAGACAGCAGGAAGATTTGATGTGTACTTTATCAGCCCACAAGGACTGAA
 GTTCAGATCCAAAAGTTCACCTTGCTAATTATCTTCACAAAAATGGAGAGACTTCTCTTAAGCCAGAAGAT
 TTTGATTTTACTGTACTTTCTAAAAGGGGTATCAAGTCAAGATATAAGACTGCAGCATGGCAGCCCTGA
 CATCCCATCTACAAAACCAAAGTAACAATTCAACTGGAACCTCAGGACCCGAAGCAAGTCAAAAAGGA
 TGTGTTTATGCCGCCAAGTAGTGTTCAGAGTGCAGGAGAGCAGAGGACTCTCTAACTTTACTTCCACT
 CATTTGCTTTTGAAAAGAGATGAGGGTGTGTATGATGTTAACTTCAGAAAAGTTAGAAAAGCCAAAGGAA
 AGGTGACTATTTTGAAAAGGAATCCCAATTAAGAAAATAAAAAGGATGTAGGAAGAGCTGTTACAGTTT
 TGTTCAAAGTGATAGCAAAGAGAATCTGTGTGTAATAAAGCAGATGCTGAAAGTGAACCTGTTGCACAA
 AAAAGTCAGCTTGATAGAACTGTCTGCATTTCTGATGCTGGAGCATGTGGTGAGACCCTCAGTGTGACCA
 GTGAAGAAAACAGCCTTGTAAGAAAAAGAAAGATCATTGAGTTCAGGATCAAAATTTTGTCTGAACA
 AAAAATCTTGGCATCATAAACAAATTTTGTTCAGCCAAAGACTCAGAACACAACGAGAAGTATGAGGAT
 ACCTTTTTAGAACTCTGAAGAAATCGGAACAAAAGTGAAGTTGTGGAAGGAAAGAACATTTGCATACTG
 ACATTTTAAAACGTGGCTCTGAAATGGACAACAACCTGCTCACCACAGGAAAGACTTCACTGGTGAGAA
 AATATTTCAAGAAGATACCATCCACGACACAGATAGAAAGAAGGAAAAACAAGCCTGTATTTTCCAGC
 AAATATAACAAAGAAGCTCTTAGCCCCCACGACGTAAGCCTTTAAGAAATGGACACCTCCTCGGTAC
 CTTTTAATCTCGTTCAAGAAACACTTTTTCATGATCCATGGAAGCTTCTCATCGTACTATATTTCTCAA
 TCGGACCTCAGGCAAAATGGCAATACCTGTGCTTTGGAAGTTTCTGGAGAAGTATCCTTCAGCTGAGGTA
 GCAAGAACCGCAGACTGGAGAGATGTGTGAGAATCTTAAACCTCTTGGTCTCTACGATCTTCGGGCAA
 AAACCATGTCAAGTTCTCAGATGAATACCTGACAAAGCAGTGAAGTATCCAATTGAGCTTCATGGGAT
 TGGTAAATATGGCAACGACTCTTACCGAATTTTGTGTCAATGAGTGAAGCAGGTGCACCCTGAAGAC
 CACAAATTAATAAATATCATGACTGGCTTTGGGAAAATCATGAAAAATTAAGTCTATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MGTTGLESLSLGDRAAPTVTSSERLVPDPPNDLRKEDVAMELERVGEDEEQMMIKRSSECNPLQIEPIA
 SAQFGATAGTECRKSVPCGWERVVKQRLFGKTAGRFDVYFISPGGLKFRSSSLANYLHKNGETSLKPED
 FDFTVLSKRGIKSRYKDCSMAALTSHLQNQSNNSNWNLRTRSKCKKDVFMPPSSSELQESRGLSNFTST
 HLLKKEDEGVDDVNFVRKPKGKVTILKGIPIKKTGCRKSCSGFVQSDSKRESVCNKADAESPEVAQ
 KSQLDRTVCISDAGACGETLSVTSEENSLVKKKERSLSGSNFCSEQKTSIGIINKFCSAKDSEHNEKYED
 TFLESEEIGTKVEVVERKEHLHTDILKRGSEMDNNSPTRKDFTEKIFQEDTIPRTQIERKTSLYFSS
 KYNKEALSPRRKAFKKWTPRSPFNLVQETLFHDPWKLLIATIFLNRTSGKMAIPVLWKFLEKYPSEV
 ARTADWRDVSSELLKPLGLYDLRAKTIKFSDEYLTQWKYPIELHGIGKYGNDSYRIFCVNEWKQVHPED
 HKLNKYHDWLWENHEKLSLS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_003925
ORF Size:	1740 bp
Buffer:	PBS with 0.001% Pluronic F8734
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_003925.1</u>
RefSeq Size:	2470 bp
RefSeq ORF:	1743 bp
Locus ID:	8930
UniProt ID:	<u>O95243</u>
Cytogenetics:	3q21.3
MW:	65.9 kDa