

Product datasheet for **RR212432**

Mecp2 (NM_022673) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mecp2 (NM_022673) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mecp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR212432 representing NM_022673
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTAGCTGGGATGTTAGGGCTCAGGGAGGAAAAGTCAGAAGACCAGGATCTCCAGGGCCTCAAAGAGA
 AACCCCTGAAGTTAAGAAGGTGAAGAAAGACAAGAAGGAAGACAAGAGGGCAAACATGAACCACTACA
 GCCTTCAGCCACCATTCTGCAGAGCCAGCAGAGGCAAGCAAAGCAGAGACATCAGAAAAGCTCAGGCTCT
 GCCCCAGCAGTACCAGAAGCCTCTGCTTCTCCAAACAGCGACGTTCCATCATTTCGTGACCGGGGACCTA
 TGTATGATGACCCACCTTGCTGAAGTTGGACGCGAAAGCTTAAACAGAGGAAGTCTGGTCGCTCTGC
 TGGAAAGTATGATGATATTTGATCAATCCCCAGGGAAAAGCCTTTCGCTCTAAAGTAGAATTGATTGCA
 TATTTTAAAAGGTGGGAGACACCTCCTGGACCCTAATGATTTTGACTTCACTGTAACGGGAGAGGGA
 GCCCTTCCAGGAGAGAACAGAAACCACCTAAGAAGCCCAATCTCCAAAGCTCCAGGAAGTGGCAGGGG
 TCGGGGACGCCGAAAGGGAGCGGCACTGGGAGACCAAAGGCAGCAGCATCAGAAGTGTCAAGTGAAA
 AGGGTCTGGAGAAGAGCCCTGGGAAACTTCTCGTCAAGATGCCTTTCGAAGCATCACCTGGGGGTAAAG
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 GCAGAGGCCAAAAAGAAAGCTGTGAAGGAATCTTCTATACGGTCTGTGCAGGAGACTGTGCTCCCATCA
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 ACTTGGTGAAGAGTGGAAAGGACTGAAGACATGCAAGAGCCCTGGGCGTAAAAGCAAGGAGAGCAGC
 CCCAAGGGGCGCAGCAGCAGTGCCTCCTCACACCTAAGAAGGAGCACCATCATCACACCATCACGCAG
 AGTCCCCAAAGGCCCCCATGCCATTGCTTCCACCTCCACCCACCTGAGCCTCAGAGCTCTGAGGACCC
 CATCAGCCCCCTGAGCCTCAGGACTTGAGCAGCAGCATCTGCAAAGAGGAGAAGATGCCCGAGCAGGC
 TCACTGAAAGCGATGGCTGCCCAAGGAGCCAGCTAAGACTCAGCCATGGTTGCTGCCCGGCCACCA
 CCACCACCACCACCACCACAGTTGCAGAAAAGTACAAACACCGAGGGGAGGGAGAGCGCAAAGACAT
 TGTTTCATCCTCCATGCCGAGGCCAAACAGAGAGGAGCCTGTGGACAGCCGGACGCCCGTGACCGAGAGA
 GTTAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR212432 representing NM_022673
 Red=Cloning site Green=Tags(s)

MVAGMLGLREEKSEDQDLQGLKEKPLKFKKVKKDKKEDKEGKHEPLQPSAHHSAEPAEAGKAETSESSGS
 APAVPEASAPKQRRSIIIRDRGPMYDDPTLPEGWTRKLRKQKRSGRSAGKYDVYLINPQKAFRSKVELIA
 YFEKVGDTSLDPNDFDFVTVTRGSPSRREQPPKPKSPKAPGTGRGRGRPKGSGTGRPKAAAASEGVQVK
 RVLEKSPGKLLVKMPFQASPGGKGEAGGATTSQVMVIKRPGRKRKAEADPQAIPKKRGRKPGSVAAAA
 AEAKKKAVKESSIRSVQETVLPKIKRKTRETVSIEVKEVVKPLLVSTLGEKSGKGLTKCKSPGRKSKESS
 PKGRSSSASSPPKKEHHHHHHHAESPKAPMLLPPPPPEPQSSSDPI SPPEPQDLSSSICKEEKMPRAG
 SLESDGCPKEPAKTQPMVAAAATTTTTTTTTVAEKYKHRGEGERKDIVSSMPPRNREEPVDSRTPVTER
 VS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

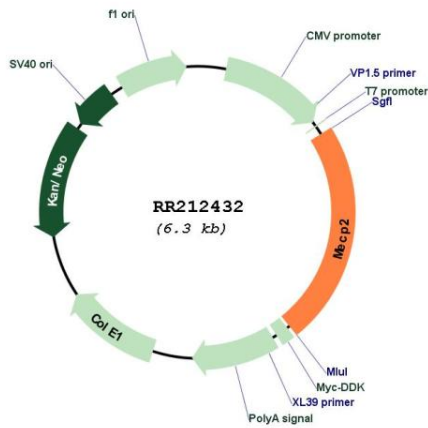
https://cdn.origene.com/chromatograms/ja2207_c06.zip

Restriction Sites:

Sgfl-MluI

RefSeq Size:	1711 bp
RefSeq ORF:	1479 bp
Locus ID:	29386
UniProt ID:	Q00566
Cytogenetics:	Xq37
MW:	53.5 kDa
Gene Summary:	methyl-CpG-binding protein; binds to DNA that contains a single methyl-CpG pair [RGD, Feb 2006]

Product images:



Circular map for RR212432