

Product datasheet for **RN212298**

Mecom (NM_001106423) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mecom (NM_001106423) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mecom
Synonyms:	Evi1; Mds1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212298 representing NM_001106423
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACAGTGGAAAGCACTATGAGTGTGAAAAGTGTGCCAAGCAGGTTTTACGGACCCTAGCAACCTTCA
GCGACACATTCGATCTCAGCATGTTGGTGCCCGGGCTCATGCTTGCCCGAGTGTGGTAAAAACATTTGCC
ACTTCGTCAGGCCTCAAACAACAAGCAGTGAAGTCTGCCATAAATCCTATACTCAGTTTTCAAACCTT
TGTCGTCATAAGCGCATGCATGCTGATTGCAGAACCCAAATCAAGTGCAAAGACTGTGGACAAATGTTCA
GCACTACGCTTTCCTTAAATAAACACAGGAGGTTTTGTGAGGGCAAGAACCATTTTTCGCGCAGGTGGATT
TTTTGGCCAAAGCATTTCACCTCCTGGAACCCAGCTATGGATAAAACGTCATGGTTAATATGGCCAC
GCCAACCCGGCCTGGTTGACTATTTGGCACCAATAGGCATCCTGCTGGTCTTACCTTTCCAACAGCTC
CGGGATTTTCTTGAGCTTCTGGTCTGTTTCTTTCGGGCTGTACCACAGGCCTCTTTGATACCCGC
TAGCTCTCCTGTTAAAGGACTATCAAGTACCGAACAGTCAAACAATGTCAAAGTCCCCTCTTGACACAT
CCTCAGATACTGCCAGCCACCCAGGATATTTTGAAGGCACTATCTAAACACCCACCTGTAGGGGACAATA
AGCCAGTGGAACTGCTGCCCGAGAGTCTCTGAAGAGAGGCCCTTGAGAAAATCAGTGACCAGTCAAG
GAGTAGTGACCTTGATGATGTCAGTACGCCAAGTGGCAGTGTCTGGAAACAACCTCGGGCTCTGATCTG
GAAAGTGACCTTGAAAGTGATAAAGAGAAAATGTAAGAAAATGGTAAAATGTTCAAAGACAAAGTAAAGCC
CTCTGCAGAACTGGCTTCAATAAATAAAGAAAAGTACAGCAATCATTCCGTTTTCTCAGCATCTGT
AGAGGAGCAGACCGGCTGTGAGGAGCTGTGAATGATTCTATAAAGGCTATTGCGTCTATTGCTGAAAA
TACTTTGGTTCACAGGACTGGTGGGCTGCAAGACAAAAAGTCGGAGCGTTACCTTACCTTCCATGT
TTCCCTCCCGTTTTTCCAGCATTCTCAATCAATGTACCCATTTTCTGATAGAGTAAAGGTCGTT
ACCTTTGAAAATGGAGCCCAATCACCAGTGAAGTAAAGAAAAGTGCAGAAAGGGAAGCTCTGAGTCCCT
TTTGACCTCACCACTAAGAGAAAGGACGAGAAGCCCTTGACTTCAGGCTCCTCAAAGCTTCCAGCAACAC
CCGCCACAAGCCAAGACCAGCCCTGGATCTAAGTATGGGCAGTAGGAGTAGAGCCAGTGGGACAAAGTT
GACTGAGCCTCGAAAAACCATGTGTTGGGAAAAGAAAGGAAGCAACATGGAAACAAGGCCATCTTCA
GATGGCTCCTTGACGATGCCAGACCCACTCCCTTCTCATGGATCCCATTTATAGAGTAGAGAAAAAGAA
AGCTCACTGATCCGCTTGAAGCTTGAAGAAAAAATACTTGAGACCTTCTCCAGGATTCTGTTTCAACC
ACAATTCCTACTACCTGACCAGAGAACATGGATGTGCGCTATCGAGAACATGGCGGAAAAACTAGAAAGC
TTCAGCGCCTGAAACCAGAGGCCAGCGAGCTCCTGCAGTCAGTCCCTCTATGTTCAAGTTCGGGCTC
CTCCCAACACCTGCCAGAGAACCTGCTGCGGAAGGGAAGGAACGCTATACCTGCAGGACTGTGGTAA
GATTTTCCAAGGTCTGCAAACCTAACACGGCATTGAGAACCACACAGGAGAGCAACCTTACAGATGC
AAATACTGCGATAGATCATTAGTATTTCTCCAACCTGCAGCGACACGTGCGCAACATTCAACAAGG
AGAAGCCATTTAAGTGTACCTATGTGACAGATGCTTTGGTCAACAACCAATCTTGACAGACACCTGAA
GAAACACGAGAACGGGAACATGTCTGGTACAGCAACATCCTCGCCTATTCGGAGCTAGAAAAGCGCAGG
GCCATCCTGGATGACAAAGAAGATGCTTACTTTACAGAGATCCGCAATTTATCGGGAATAGCAACCATG
GGAGCCAGTCTCCTCGGAACATGGAGGAGAGGATGAATGGCAGTCACTTCAAGGATGAAAAGGCTTTGGC
GACCAGCCAAAATCCGATTTATTGGATGACGAAGAAGTAGAGGATGAGGTGTTGCTGGATGAGGAGGAT
GAAGACAATGATTTCTGGAAAACCCAGAAAGGAGCTGGGGTAACTAATTTAGATGAGGAAATCCCTG
AGGATGACTATGAGGAAGCCGGTCCCTGGAGATGAGTTGAAGGTGTCCTCCGAGGATATAAAGAGGA
AGACTATAAATCTGGCTTTCTGCTCTAGATCACATAAGGCACTTACAGATAGCCTCAAATGAGGGAA
ATGGAAGAGAATCAATACACTGACGCTGAGCTGTCTTTGGTCTTCTCATGTGCCAGAGGAGCTTAAAC
AGCCGTTACACAGAAAGTCAAATCACAGGCATATGCTATGATGTTGCTACTGTCTGACAAGGATGCCCT
CCATCCCACCTCCACGGTCTCCAACGTGTGGCACAGCATGGCAAGAGCTGCAGCGGAATCCAGTGCC
ATCCAGTCCATAAGCCATGTA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001106423
Insert Size:	2754 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001106423.1</u> , <u>NP_001099893.1</u>
RefSeq Size:	5694 bp
RefSeq ORF:	2754 bp
Locus ID:	294924
Cytogenetics:	2q24