

Product datasheet for **MC208456**

Mecom (NM_021442) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mecom (NM_021442) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mecom
Synonyms: D630039M04Rik; Evi-1; Evi1; Jbo; Mds; Mds1; Mds1-Evi1; Prdm3; Znfpr1b1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208456 representing NM_021442
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGATCCAAAGGCAGGGCAAGGAACTGGCCACAAGTAATGAGTGTGCCTATGGCAACTATCCTGAAA
TACCTTTGGAAGAAATGCCAGATGCTGATGCAGATGGGATAACCAGTGTCCCTCCCTCCACATTCAAGA
GCCATGCTCTCCTGCGACGTCCAGTGAGTCATTTACTCCTAAGGAGGGCTCGCCATACAAAGCTCCCATC
TACATCCCTGATGACATCCCTATTCTGATGAGTTTGGAGTTCGAGAGTCAACTATGCCTGGAGCAGGAC
TTGGAATATGGACAAAAGGAAGATTGAAATAGGCGAAAAGTTTGGGCCATACATGGGAGAGCAGAGATC
AGACCTGAAAGATTCCAGCTATGGATGGGAGAACAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_021442
Insert Size: 390 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:

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: [NM_021442.2](#), [NP_067417.1](#)

RefSeq Size: 1075 bp

RefSeq ORF: 390 bp

Locus ID: 14013

UniProt ID: [P14404](#)

Cytogenetics: 3 12.66 cM

Gene Summary: Isoform 1: Functions as a transcriptional regulator binding to DNA sequences in the promoter region of target genes and regulating positively or negatively their expression. Oncogene which plays a role in development, cell proliferation and differentiation. May also play a role in apoptosis through regulation of the JNK and TGF-beta signaling. Involved in hematopoiesis. [UniProtKB/Swiss-Prot Function]