

Product datasheet for **MC212098**

Meig1 (NM_008579) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Meig1 (NM_008579) Mouse Untagged Clone
Tag: Tag Free
Symbol: Meig1
Synonyms: Meg1; MLZ-278
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212098 representing NM_008579
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTACTTCTGACGTGAAACCAAAATCAATAAGTCGTGCCAAGAAATGGTCAGAGGAAATAGAAAATC
TGTACAGATTTCAACAAGCAGGATATCGGGATGAAATTGAATATAACAAGTAAAACAAGTTGCCATGGT
CGACCGATGGCCAGAGACAGGGTACGTGAAGAACTTCAGCGGAGGGACAATACTTTCTTCTACTACAAC
AAAGAGAGGGAGTGCGAGGACAAGGAGGTCCACAAAGTGAAGTTTACGTCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_008579
Insert Size: 267 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).



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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_008579.4](#), [NP_032605.1](#)

RefSeq Size: 763 bp

RefSeq ORF: 267 bp

Locus ID: 104362

UniProt ID: [Q61845](#)

Cytogenetics: 2 A1

Gene Summary: Essential for spermiogenesis.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. All six transcripts encode the same protein.