

## Product datasheet for **MC217630**

### **M1ap (NM\_033079) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	M1ap (NM_033079) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	M1ap
Synonyms:	D6Mm5e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217630 representing NM\_033079  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAACCGAAGGAAAACACTAGTAGAGGGACCTCCGCTGCCATGAAAATTAGTCATCAACCTCCGAGGC  
TTCTCATTGTGAATATTGCCGTACCTTCTGGGTTGACATCTGCCCAACCTCTGTGAGGCCTTGACAGAA  
CTTCTTCTCGATAGCCTGCAGTTTGATGGGCCCCAGCCGGATGTCTCTGTTTCAGCTTATACACAGTACAG  
AACCAGCATGAGTGTGTCTCCCATTTGTGCAAGTGAGAGGGAACCTCATTAGGCTGCAGGCCTGCATCT  
CGGAGCTTCAATGTTACAGGTAGAAGTTGTACAGACCACCTCACGCCTTACTACCCCTGGCAATAGA  
AGATGGGCTCCAGCAGTTCAAACAGTACAGCAGTCACATGGCCTCAAGTGTCTCAGCCCTGGACTTCC  
CTGGAGATTACTGTCCTGACTTCTCGGCCTGGAAAAGAAGTGGTCAAAGAACTGGAGGAAGGGTTGAAAG  
ATATAAACCTACTTAGTGTGAGAAGACTGCAGGTGGCTGAGGTACAAAAGGCATCCAGGAGCGTTGAGA  
CTACCATCTCCTACTGAAGAACCAGCAATGATGAGAGTTCTATCCTGGAAGCTGACATTGTCCTTGAG  
ACGCTAGACAACGATGTTGTGAGCATGGAGGTCTTCTTCAAAGCCTGGCTGCATAACAGTAAAAGTACC  
AAGAAAACATCCACCTTCTTCTTACTCCACAGAGTCTTCTCCTCCTTCCAGAGCCAAGGATCATCCAAT  
ATGTCTAAAATGTGATCTCCAAGAGCGATTTCTCAGCCATCCCTGCTTCTCCTGGTACAGCTGATGGCGTG  
TCGAGAATAGATGACCCCAAAGGAGACATCAGCACACTTACCAGATGGCATCCCTGGCTTCCAGCCTCTC  
CGTATAAGCTTCAAGTGGTCAAGGCTCTGAAATCTAGTGGGATCTGCGAGTCCCTGACCTATGGACTACC  
CTTCATTCTCAGACCCACAAGCTGTTGGCAGCTGGACTGGGATGAGCTGGAAACAATCAACAACATTTT  
CATGCCCTGTGTCACTGCTTGTGAAGAGAGACTGGCTGCTGTTGGCCAGAGGGGAACCCCTGATCCACA  
AACACAACCAGAGTCTCCCTGCCTGCAGCTTCTATGTGATCACACCTTCTCACTCTCACACTGCTGGT  
GAAGCTGGTGGCCACCAGGGAGTTGATGCTGCCTGGCTTCTTCCCCTGCTCTCTGAGGACCCACCTGAA  
GACAGCCTAAAGATCATAGAGAGCACCTAGACAGCCTGGACCTGGGGCTCACCTACAACCTCTGCATG  
TTGGGAGCCACTTGTACTCACATCTGAGCAGCGCCATGCCAAGCCTCAGGGACGGCTCTACACAAGCTG  
CGCAAGCCGGGGCCTTAGAAAGGGGGTCACTGCAGACCAACAGAGTTCGAGCCGAGTGGTTCCCTC  
CCAGTGGCTCCTGCCACGTAGAGCTCTGAAGATGACAGCAGCCAGCAAAGCATCTCAGCAGCCTTCC  
TGCCTTCGGATTCCGAGGAGGGAGAGGAGCGTCCTTCTCACACCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_033079

**Insert Size:** 1590 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\\_033079.2](#), [NP\\_149070.2](#)

**RefSeq Size:** 2051 bp

**RefSeq ORF:** 1590 bp

**Locus ID:** 110958

**UniProt ID:** [Q9Z0E1](#)

**Cytogenetics:** 6 35.94 cM

**Gene Summary:** Required for meiosis I progression during spermatogenesis.[UniProtKB/Swiss-Prot Function]