

## Product datasheet for **MR209906**

### **Mta2 (NM\_011842) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mta2 (NM_011842) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mta2
Synonyms:	AW550797; Mata111; mmta2; Mta111
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide  
Sequence:**

>MR209906 representing NM\_011842  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCTAACATGTACCGGGTGGGAGATTACGTCTATTTTGAAGAACTCTCCAGCAATCCTTACCTGG  
 TTAGACGGATTGAGGAGCTCAATAAGACTGCAAAATGGAATGTGGAAGCAAAGTTGTCTGCTTTTCCG  
 CGGAAGGGATATTTCTAGTAGCCTCAACAGCTTGCTGACAGTAATGCTCGGGAGTTTGAGGAGGAATCA  
 AAACAGCCAGGGTCTCCGAGCAGCAGAGACATCAACTGAAGCACCGAGAGCTTTTTCTTCTCGGCAGT  
 TTGAATCATTACCAGCCACCCACATAAGGGGGAAGTGCAGCGTACTCTTTGAACGAGACAGACATCTT  
 AAACCAGTATCTAGACAAGGAGGACTGCTTTTTTACTCACTGGTGTGTTGATCCTGTGCAGAAGACTT  
 CTGGCTGATCAAGGGGAGATCAGAGTTGGTTGCAAATCCAAGCTGAGATCCCAGATCGTTTGGCAGAGG  
 GAGAATCAGATAATCGAAACCAACAGAAGATGGAGATGAAAGTCTGGGACCCAGACAACCCTCTCACAGA  
 CCGGCAGATTGATCAGTTTCTCGTGGTGGCCCGAGCTGTGGGAACCTTCGCGAGAGCCCTAGACTGCAGC  
 AGCTCAATTCGGCAGCCAAGCTTGCACATGAGTGCAGCTGCTGCGTCCCGAGATACACTCTGTTCCATG  
 CCATGGATACCTTGCAAAGGAATGGCTATGACTTGGCCAAGGCTATGTCAACCCTAGTACCACAGGGAGG  
 CCCGGTGTCTGTGGGATGAGATGGAGGAATGGTCTGCTTCTGAAGCCATGCTGTTTGAAGAGGCTCTG  
 GAGAAGTACGGGAAGGATTTCAATGATATCCGCCAGGACTTTCTACCCTGGAAGTCACTTGAAGCATAG  
 TCCAGTTTTATTACATGTGAAAACACAGACCCGATATTTACAGCAGAAAAGATTGAAAGCTGTGAAGC  
 AGACAGCAAACGAAACAGGTCTACATCCCCTTATACCAAGCCAAACCCTAACAGATCATTTCTGTG  
 GGTTCAAACCTGGCATGAATGGGGCTGGATCCAGAAGGGCCTGACTTGTGAGAGCTGCCACACCACAC  
 AGTCTGCCCAGTGGTATGCCTGGGGACCCCTAACATGCAGTGCCGACTTGTGCTTCTGTTGGATTTA  
 TTGGAAGAAATACGGGGGACTGAAGACCCCTACCCAACCTTGAAGGGGCTGCTCGGGGCACCACAGGCCA  
 CACTCAAGAGGTCAATTTATCCAGACCTGAAGCCAAAGTCTCTCCCCTATAACAACAGTCTAACCCGGG  
 CCAAGTTGCTGGCTAAGAACAGGCAAACCTTTCTTGTCCAGACCACAAAGCTAACTCGTCTAGCCAGACG  
 AATGTGCCGAGATCTATTACAGCCAAGGAGGGCTGCCGAAGACCCCTATGCACCTATCAATGCCAATGCC  
 ATCAAGGCAGAGTGTCTGATCCGACTTCTAAGGCTGCCAAGACGCCACTGAAAATTCACCCTCTGGTGC  
 GGCTGCCCTTGGCAACTATCGTCAAAGATCTGGTGGCTCAGGCACCTCTGAAACCAAAAACACCTCGGGG  
 TACCAAGACCAATCAACAGAAACAGCTGACCCAGAATCGAGGCTGGGGGCATTATGGTGAACGT  
 TCCTATGAGACTATGGCAGGGGCAGGGTCCCCTTCTCTGCCAATGGAAGGCCTCTGGCTTCAGGGATTC  
 GTTCAAGCTCACAGCCAGCAGCCAAGCGTCAGAACTAAACCCTGCTGATGCTCCAATCCAGTGGTATT  
 TGTGGCCACAAAGGACACCAGGGCTTAAAGGAAAGCTCTAACTACCTGGAAATGCGCCGAGCGCCCGA  
 AGGCCAACCTACCCCTGAAGGTGAAACCAACGCTGATGACAGTGGGCCCCAGTTCCTCTGCCCGCTT  
 CTTACATCCTGCCAGCACCAATGAGCCATTGCTCCTGGAGGAT

**ACGCGT**ACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**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\\_011842.3](#), [NP\\_035972.3](#)

**RefSeq Size:** 3149 bp

**RefSeq ORF:** 2007 bp

**Locus ID:** 23942

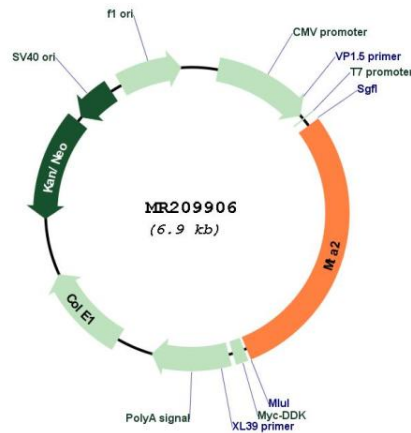
**UniProt ID:** [Q9R190](#)

**Cytogenetics:** 19 A

**MW:** 75.5 kDa

**Gene Summary:** May be involved in the regulation of gene expression as repressor and activator. The repression might be related to covalent modification of histone proteins.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR209906