

Product datasheet for **MC202626**

Mta2 (NM_011842) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mta2 (NM_011842) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mta2
Synonyms:	AW550797; Mata111; mmta2; Mta111
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC079847 sequence for NM_011842
 TGCTCTCCGACCTGAGCCGAGCGCTGGGCCTTGTCTCCGGATCGGCCGAAGGTGTTCCGGAAGGAGGCG
 AACCCGGACGCGGGCAGGGCAAACCTTGCCAGCGGTTGGCACCGCACGACGTCTGCTGGGACTCGGTGAG
 GACGCTAGGAGCTGGAACCTCACTCCGGTCAGGCAGGAATCGAGCTCGTTCGGAAGAAGCCGAGTAGAC
 CGGAGCTGGCCTCGGTGTCCCGCGTGAGGCTATAGCAGTGTCTGTCGCGCGGGCAGTGATGAGCCGC
 GCGCGCTGAGCGAGCAGAGGTGCCGCTGCTCGGGCCCCATCGACACTCCGCGAAGCGTCAGCCACGCG
 CTGGGGGCTTCGTCTGGAGCTGAGCTTTGCCCCGCGAGCCTCCGGGACCTCTTTGTGTGGCCGGAGGCG
 GCGGCGGGAACGGCCATGGCGGCTAACATGTACCGGGTGGGAGATTACGTCTATTTTGAGAACTCTCCA
 GCAATCTTACCTGGTTAGACGGATTGAGGAGCTCAATAAGACTGCAAATGGAATGTGGAAGCAAAGGT
 TGTCTGTCTTTCCGGCAAGGGATATTCTAGTAGCCTCAACAGCTTGCTGACAGTAATGCTCGGGAG
 TTTGAGGAGGAATCAAAACAGCCAGGGTCTCCGAGCAGCAGAGACATCAACTGAAGCACCGAGAGCTTT
 TTCTTTCTCGGCAGTTTGAATCATTACCAGCCACCCACATAAGGGGGAAGTGCAGCGTACTCTTTGAA
 CGAGACAGACATCTAAACAGTATCTAGACAAGGAGGACTGCTTTTTTACTACTGGTGTGTTGATCCT
 GTGCAGAAGACACTTCTGGCTGATCAAGGGGAGATCAGAGTTGGTTGCAAATCCAAGCTGAGATCCAG
 ATCGTTTGGCAGAGGGAGAAATCAGATAATCGAAACCAACAGAAGATGGAGATGAAAGTCTGGGACCCAGA
 CAACCCTCTCACAGACCCGAGATTGATCAGTTTCTCGTGGTGGCCGAGCTGTGGGAACCTTCGCGAGA
 GCCCTAGACTGCAGCAGCTCAATTCGGCAGCAAGCTTGACATGAGTGCAGCTGCTGCGTCCCAGATA
 TCACTCTGTTCCATGCCATGGATACCTTGCAAAGGAATGGCTATGACTTGGCCAAGGCTATGTCAACCT
 AGTACCACAGGGAGGCCCGGTGCTCTGTCCGGATGAGATGGAGGAATGGTCTGCTTCTGAAGCCATGCTG
 TTTGAAGAGGCTCTGGAGAAGTACGGGAAGGATTTCAATGATATCCGCCAGGACTTTCTACCCTGGAAGT
 CACTTGAAGCATAGTCCAGTTTTATTACATGTGAAAACACAGACCCGATATTCAGCAGAAAAGATT
 GAAAGCTGCTGAAGCAGACAGCAAACCTGAAACAGGTCTACATCCCCTTATAACCAAGCCAAACCTAAC
 CAGATCATTTCTGTGGTTCAAACCTGGCATGAATGGGGCTGGATTCCAGAAGGGCCTGACTTTGTGAGA
 GCTGCCACACCACACAGTCTGCCAGTGGTATGCCTGGGGACCCCTAACATGCAGTGCCGACTTTGTGC
 TTCTGTGGATTATTGGAAGAAATACGGGGACTGAAGACCCCTACCAACTTGAAGGGGCTGCTCGG
 GGCACCACAGAGCCACTCAAGAGTCAATTTATCCAGACCTGAAGCCAAAGTCTCTCCCCTATACAA
 CCAGTGTAAACGGGCCAAGTTGCTGGTAAGAACAGGCAAACCTTTCTTGTCCAGACCACAAAGCTAAC
 TCGTCTAGCCAGACGAATGTGCCGAGATCTATTACAGCCAAGGAGGGCTGCCCGAAGACCTATGCACCT
 ATCAATGCCAATGCCATCAAGGCAGAGTCTCGATCCGACTTCTAAGGCTGCCAAGACGCCACTGAAAA
 TTCACCCTCTGGTGGGCTGCCCTTGGCAACTATCGTCAAAGATCTGGTGGCTCAGGCACCTCTGAAACC
 AAAACACCTCGGGTACCAAGACCAATCAACAGAAACAGCTGACCCAGAATCGAGGCTGGGGGGC
 ATTATGGTGAAACGTTCCATGAGACTATGGCAGGGGCAGGGTCCCCTTCTCTGCAATGGAAGGCCTC
 TGGCTCAGGGATTCTGTTCAAGCTCACAGCCAGCAGCCAAGCGTCAGAACTAAACCTGCTGATGCTCC
 CAATCCAGTGGTATTTGTGGCCACAAAGGACACCAGGGCTTAAAGGAAAGCTCTAACTCACCTGGAATG
 CGCCGAGCGGCCGAAGGCCAACCTACCCCTGAAGGTGAAACCAACGCTGATGACAGTGGCCGCCCCAG
 TTCCTCTGCCGCTTCTTACATCTGCCAGCACAATGAGCCATTGTCTGGAGGATTGAGCATCTTA
 GGGGAAGGGAGGTGGGATGAGAGGTAGAGGGTGGGTGCCAGGACATACAAATCTTCACTTTTGGT
 ATCAAAGGGAGTAAGGAGTGAGGGAGGGTTGACCCTGGTGTGTGTGTCTTGCAGGGGTTGGACACC
 TCTGGTGTAGTTACTGCCTGTAACCTGCCAGTAACGTCCTTTTTGGGCTTACAGCCTATAGGAACTTG
 CCTGTGTGTGTACCTACCCTATTTGGGGCTGGGACCCACAGGTGGTTTGGACAGTTGGGGGGAGGGTT
 TTTAATTTTTTAAAAATGAACCTCCCTTTGTAAGGGATGGAGGAGGGGAAGAGTAAACATATCAGGT
 GTTAGTCCCTGGCAGGGGAAGGGAAGTACTGCCATGTCTATTTTTCTTATTTTCTAATGGGGGTT
 ACTTTACTGTCCGGTGTCCGACTTTCCTAATTGGAATTTGAGAGCCCTAAGATGGCGTCAACCCAGC
 CCATGCTCACTTTTCTCCCTCCCTTTCTCCCTCTGCCTTTTATATGCCAATTCTCAGAAATAAAGAT
 CTTTTGTCTGTTTTTAACTCAGATTCTGTAATTGGTTCTTACAGTGACAAATAAAAAGCTGTTTTCTT
 CAGCTCCAAA

Restriction Sites: Ascl-NotI
ACCN: NM_011842
Insert Size: 2007 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:	BC079847 , AAH79847
RefSeq Size:	3149 bp
RefSeq ORF:	2007 bp
Locus ID:	23942
UniProt ID:	Q9R190
Cytogenetics:	19 A
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]