

Product datasheet for **RN207114**

Mta2 (NM_001100740) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mta2 (NM_001100740) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mta2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207114 representing NM_001100740
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTAACATGTACCGGTAGGAGATTATGTCTATTTTGAAGACTCTCCAGCAATCCTTACCTGG
 TTAGACGGATTGAGGAGCTCAATAAGACTGCAAACGAAATGTGGAAGCAAAGGTTGTCTGCCTTTCCG
 GCGAAGGGATATTTCTAGTAGCCTCAACAGCTTGCGGACAGCAATGCTAGGGAGTTGAGGAGGAATCA
 AAACAGCCAGGGTCTCGGAGCAGCAGAGACATCAACTGAAGCACCGAGAGCTTTTTCTTCTCGGCAGT
 TTGAATCATTACCGGCCACCCACATAAGGGGAAGTGCAGTGTGACTCTTTGAACGAGACGGATATCTT
 AAACCAATATCTGAAAAGGAGGACTGCTTTTTTACTCACTGGTGTTCGACCCTGTGCAGAAGACTT
 CTGGCTGATCAAGGGGAGATCAGAGTTGGTTGCAAATCCAAGCTGAGATCCCAGATCGTTTGGCAGAGG
 GAGAATCGGATAATCGAAACCAACAGAAGATGGAGATGAAAGTCTGGGACCCAGACAACCTCTCACAGA
 CCGGCAGATCGATCAGTTTCTCGTGGTGGCCCGAGCCGTGGGAACCTTTGCCAGAGCCCTAGACTGCAGC
 AGCTCAATCCGGCAGCCAAGCTTGCACATGAGTGCAGCTGCTGCGTCCCGAGATATCACCTGTTCCATG
 CCATGGACACGTTGCAAAGGAATGGCTATGACTTGGCCAAGGCCATGTCAACCCTGGTGGCCACAGGGAGG
 TCCAGTGTCTGTGGGATGAGATGGAGGAATGGTCTGCTTCTGAAGCTATGCTGTTGAAGAAGCTCTG
 GAGAAGTATGGGAAGGATTTCAATGACATCCGCCAGGACTTTCTACCCTGGAAGTCACTTGAAGCATAG
 TCCAGTTTTATTACATGTGAAAACACAGATCCGTATATTACAGCAAAAAGACTGAAAGCTGTGAAGC
 AGACAGCAAATAAACAGGTCTACATCCCCTTATACTAAGCCAAACCTAACCAGATCATTTCTGTG
 GGTTCAAACCTGGCATGAATGGGGCTGGATCCAGAAAGGCCTGACTTGTGAGAGCTGCCACACCACAC
 AGTCTGCCAGTGGTATGCTTGGGGCCACCTAACATGCAGTGCCGACTTGTGCTTCTGTTGGATTTA
 CTGGAAGAAGTATGGGGGCTGAAGACACCGACCCAGCTTGAAGGGGCTGCTCGGGGCACCACAGAGCCA
 CACTCAAGAGGTCAATTTACAGACCTGAAGCCAAAGTCTCTCCCCTATAACAACAGTCTAACCGGG
 CTAAGTTGCTGGCTAAGAACAGGCAAATTTCTTGTCCAGACCACAAAGCTGACTCGTCTTGTAGACG
 GATGTGCAGAGACCTGTTACAGCCAAGGAGGGCTGCCGAAGACCCTATGCCCCATCAATGCCAACGCC
 ATCAAGGCAGAGTGTCTATCCGACTTCTAAGGCTGCCAAGACACCGTTGAAGATTACCCCTGGCGA
 GACTGCCCTTGGCAGCTATTGTCAAAGATCTGGTGGCTCAGGCACCTCTGAAACCAAAAACCTCGGGG
 CACCAAGACCAATCAACAGAAACCAGCTGACCCAGAATCGAGGCTGGGGGCATTATGGTGAACGT
 TCCTATGAGACTATGGCAGGGCAGGGTTCCCTTCTCTGCCAATGGAAGCCTCTGGCTCAGGGATTC
 GTTCAAGCTCACAGCCAGCAGCCAAGCGTCAGAACTAAACCCTGCTGATGCTCCAATCCAGTGGTATT
 TGTGGCCACAAAGGATACCAGGGCTTAAAGGAAAGCTCTAACTACCTGGAAATGCGCCGAGCTGCTCGA
 AGGCCCAACTTACCCCTGAAGGTGAAGACAGCGCTGATGACAGTGGGCCCCAGTTCCTCTGCCGGCAT
 CTTACATCCTGTAGCACCAATGAGCCATTGCTCTGGAGGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001100740
- 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:

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_001100740.1](#), [NP_001094210.1](#)

RefSeq Size: 3013 bp

RefSeq ORF: 2007 bp

Locus ID: 361724

Cytogenetics: 1q43