

Product datasheet for **MC209931**

Mtx2 (NM_016804) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mtx2 (NM_016804) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mtx2
Synonyms: 1500012G02Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209931 representing NM_016804
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTCTGGTGGCGGAAGCGTTCGTCTCCAGATCGCAGCTACAGAACCTTGGCCTGAAAATGCGACCT
TGTATCAGCAACTGAGAGGGGAGCAAATTTTGCTTCTGACAATGCAGCATCTTTGCTGTGCAGGCATT
TTTGCAGATGTGAATCTGCCTGTCAAAGTGGTGTGTAGGGCAAATGCGGAATATATGTCTCCATCTGGA
AAAGTTCTTTTATTCATGTGGGAAATCAAGTAGTGTCAGAACTTGGCCCAATAGTCCAATTTGTTAAAG
CCAAGGGCCATTCTTCTAGTGATGGGTTGGATGAAGTCCAAAAAGCAGAAATGAAAGCCTACATGGAATT
AGTCAACAATATGCTGCTGACTGCAGAGCTGTATCTCCAGTGGTGTGATGAAGCTACAGTAGGGGAGATC
ACTATTGCTAGGTATGGATCTCCTTACCCTTGGCCTCTGAACCACATTTTGGCCTATCAGAAGCAGTGGG
AAGTGAACGTAAGATGAAAGCTATTGGATGGGGTAACAAGACTCTGGACCAGGTCTTAGAAGATGTAGA
CCAGTGTGTCAAGCCCTTCCAGAGACTGGGAACACAACCATACTTCTTCAATAAGCAACCTACTGAA
CTTGACGCTCTGGTTTTTGGCCATTTGTATACCATTCTTACCACACAATTGACCAGCGATGAACCTTCTG
AGAAGGTGAAAACTATAGCAACCTCTGGCTTCTGTAGAAGAATTGAACAGCACTACTTTGAAGACTG
GGTAAAGGCAGGTTGTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_016804
Insert Size: 792 bp



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| 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: | NM_016804.4 , NP_058084.3 |
| RefSeq Size: | 1258 bp |
| RefSeq ORF: | 792 bp |
| Locus ID: | 53375 |
| UniProt ID: | O88441 |
| Cytogenetics: | 2 C3 |
| Gene Summary: | Involved in transport of proteins into the mitochondrion.[UniProtKB/Swiss-Prot Function] |