

Product datasheet for **RN206241**

Mtf2 (NM_001100898) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtf2 (NM_001100898) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mtf2
Synonyms:	RGD1304727
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206241 representing NM_001100898
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGAGACTCTACAGGAGCAGTAATTCCTGCTCCACAAGCGGTCTCCTTACGTCGAAACCAAAGA
 CCTCAGCATCCTTGAACAAGCTGTCTTTACAGGATGGACATAAAGCCAAAAAACCAGCATGTAAATTTGA
 AGAGGGTCAAGATGTCTTAGCTAGATGGTCAGATGGCTTGTCTTTATCTTGGAACTATCAAAAAGATAAAC
 ATTTTGAACAGAGCTGCTTCATCACATTTGAGGACAGTTCTAAGTCCTGGGTTCTCTGGAAGGACATCC
 AAACAGGAGCCACTGGGAGTGGGAAAATGGTCTGTACAATATGTCAAGAAGAGTATTGAGAAGCACCTAA
 TGAAATGGTTATCTGTGATAAGTGGTCAAGGATATCATCAGCTGTGCATACGCTCATATTGACTCG
 AGTGTGATCGATTAGATGAAAAGTGGCTTTGTCGACAGTGGCTTTTGAACAACAACAAGAGGGGTG
 GTGCACCTAAGAAAGGACCAATGCCAAAGCACTGCAAGTCATGAAGCAGACATTACCCTATAGCGTGGC
 TGACCTTGAATGGGATGCAGGTCATAAAACCAACGTTGAGCAGTGTACTGCTACTGTGGAGGCCCTGGA
 GACTGGTATTTAAAGATGCTGCAGTGTGCAAAATGTAAGCAGTGGTTTCATGAGGCTTGTGTCCAATGCC
 TTCAAAAGCCAATGCTGTTTGGAGATAGGTTTTATACATTTATTTGCTCTGTCTGCACTTCTGGACCAGA
 ATACCTCAAACGCTACCATACAGTGGGTAGATATAGCACACCTATGCCTTTACAACCTAAGTGTATT
 CACAAGAAGAAGTACTTTGACTCTGAACTTGGCTTATGACATACATTAATGACAACCTGGGACAGATTGC
 ACCCTGGAGAGCTGGCAGACACGCCAAATCTGAAAGATATGAGCATGTTCTGGAGGCATTAATGATTA
 CAAGACCATGTTATGTCTGGGAAAGAAATAAAGAAGAAGAAGCATTGTTTGGGTTGCGAATTCGTGTT
 CCTCCTGTGCCACCAATGTGGCTTTCAAAGCAGAGAAAGAACCTGAAGGAACATCCCATGAATTTAAAA
 TTAAAGGCAGAAAGGCATCCAAACCTACATCTGACTCCAGGGAAGTAAGCAATGGGATAGAAAAAAGG
 AAAGAAAAAATCTGTAGTCTGCTCCTCGGCCATATACAAGAAAAATGATTGAGAAAACTGCTGAGCCG
 CCTTTGGGTAAGGAATCAGTTTTCAGAGAATCCTGCGTTGGATTTACCTTGTCTATAGGGAGAAGTGGG
 GAGTTGCACATTCATCCAATACCTCAGATGTGGACCTCACGGGTGCTTCCAGTGCAAAAGAACTACCTC
 GTCTAGCATTCCAGGCATTATGGGTTATCTGACTCTAGAAAAAGAACTCGCACGGGAAGATCGTGGCCT
 GCTTCAATACCACATTTGCGGAGAAGAAGAGTTCGCTTCCACGAAGAGCACTCCATACTCAGAAGTACG
 AAGTTGTAAGATGATGAAGGCAAGAAGATTACCAGTTTGAAGAACTAACACAGAAATCCTGAATAA
 CTTAGCAGATCAGGAGTTACAGCTCAATCACCTGAAAACTCCATCACTAGTTATTTTGGTCCCGCAGGT
 AGAATAGCATGTGGAGAGAAATACCGGGTCTGGCTCGCCGCGTACGCTGGATGGAAGGTGCAGTATC
 TCGTGGAGTGGGAAGGAGCGACTGCATCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100898
- Insert Size:** 1782 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_001100898.1](#), [NP_001094368.1](#)

RefSeq Size: 2575 bp

RefSeq ORF: 1782 bp

Locus ID: 360905

Cytogenetics: 14p22