

Product datasheet for SC123350

MT1M (NM_176870) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MT1M (NM_176870) Human Untagged Clone
Tag: Tag Free
Symbol: MT1M
Synonyms: MT-1M; MT-IM; MT1; MT1K
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >OriGene sequence for NM_176870 edited
 CCACGCCGTCCGGGTGGGCTAGCAGTCGCTCCATTTATCGCTTGAGATCTCCAGCCTTA
 CCGCGGCTCGAAATGGACCCCAACTGCTCCTGCACCACTGGTGTCTCCTGCGCCTGCACC
 GGCTCCTGCAAGTGCAAAGAGTGCAAATGCACCTCCTGCAAGAAGAGCTGCTGCTCCTGC
 TGCCCCGTGGGCTGTGCCAAGTGTGCCACGGCTGTGTCTGCAAAGGGACGTTGGAGAAC
 TGCAGCTGCTGTGCCTGATGTGGGAACAGCTCTTCTCCAGATGTTAATAGAACAAGCTG
 CACAACCTGGATTTTTTTTCAATACGATACTGAGCCATTTGCTGCATTTCTTTTTATGTT
 AAATATGTGAGTGACAATAAAACAATTTTGACTTGAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_176870 unedited
 CCAATTAGCATTTGTAACGACTTACTATAGGCGGCCGGAATCCCGGGNAACCAACGCGG
 TCCGGGTGGGCTAGCAGTCGCTCCATTTATCGCTTGAGATCTCCAGCCTTACCGCGGCT
 CGAAATGGACCCCAACTGCTCCTGCACCACTGGTGTCTCCTGCGCCTGCACCGGCTCCTG
 CAAGTGCAAAGAGTGCAAATGCACCTCCTGCAAGAAGAGCTGCTGCTCCTGCTGCCCCGT
 GGGCTGTGCCAAGTGTGCCACGGCTGTGTCTGCAAAGGGACGTTGGAGAACTGCAGCTG
 CTGTGCCTGATGTGGGAACAGCTCTTCTCCAGATGTTAATAGAACAAGCTGCACAACCT
 GGATTTTTTTTCAATACGATACTGAGCCATTTGCTGCATTTCTTTTTATGTTAAATATGT
 GAGTGACAATAAAACAATTTTGACTTGGNAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAANNA
 AANNA
 AAAAAAAAAAAAAAAAAAGGGCGGCCCGGTCACTTGTTCCTGAACAAATCCCGGGGG
 GCATCCCTGGAACCCCTCCCAAGGCCTTTCTGGCCCTGAAAGTTGCCCCCAAGTGC
 CCCCACCTTGCCCCAAAAAATAAAGTGCCACCTTTTGCCGAACAAGGGGCCCTTCA
 AAAAAATAAGGGGGGGAGGGGGGGTGTATGAACAAGGGGGACAATTTGGGAAAAAA
 ACCCTTTAGGGCCCTGGGGGTCTATTTGGGAACCAACCGTGAATGGCACGGGGCCAA
 ATTTTTGGGTTACATTGCATCCCCCGCCCCGGGGTTAAAAAATTTTCTGTGCAAA
 ACCCCCCGATATTGTTGGGATTCCCGCCCTTGCCGAACC



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Restriction Sites:	Please inquire
ACCN:	NM_176870
Insert Size:	431 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:	<u>NM_176870.1</u> , <u>NP_789846.1</u>
RefSeq Size:	431 bp
RefSeq ORF:	186 bp
Locus ID:	4499
UniProt ID:	<u>Q8N339</u>
Cytogenetics:	16q13
Gene Summary:	This gene encodes a member of the metallothionein superfamily, type 1 family. Metallothioneins have a high content of cysteine residues that bind various heavy metals. These genes are transcriptionally regulated by both heavy metals and glucocorticoids. [provided by RefSeq, Oct 2011]