

## Product datasheet for **SC206406**

### MX1 (NM\_002462) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MX1 (NM\_002462) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MX1  
**Synonyms:** IFI-78K; IFI78; IncMX1-215; MX; MxA  
**ACCN:** NM\_002462  
**Insert Size:** 484 bp  
**Insert Sequence:** >SC206406 3'UTR clone of NM\_002462  
The sequence shown below is from the reference sequence of NM\_002462. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CGGCGCCGGCTTGCCAGTTCGCCGGTTAACCACACTCTGTCCAGCCCCGTAGACGTGCACGCACACTG
TCTGCCCCCGTCCCGGGTAGCCACTGGACTGACGACTTGAGTGCTCAGTAGTCAGACTGGATAGTCCG
TCTCTGCTTATCCGTTAGCCGTGGTGATTTAGCAGGAAGCTGTGAGAGCAGTTTGGTTTCTAGCATGAA
GACAGAGCCCCACCCTCAGATGCACATGAGCTGGCGGGATTGAAGGATGCTGTCTTCTACTGGGAAAG
GGATTTTCAGCCCTCAGAATCGCTCCACCTTGACGCTCTCCCCTTCTCTGTATTCTAGAAACTGACAC
ATGCTGAACATCACAGCTTATTTCTCATTTTTATAATGTCCCTTCACAAACCCAGTGTTTTAGGAGCA
TGAGTGCCGTGTGTGCGTCTGTGGAGCCCTGTCTCCTCTCTGTAAATAAACTCATTCTAGCAGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_002462.5](#)



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**Summary:** This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that participates in the cellular antiviral response. The encoded protein is induced by type I and type II interferons and antagonizes the replication process of several different RNA and DNA viruses. There is a related gene located adjacent to this gene on chromosome 21, and there are multiple pseudogenes located in a cluster on chromosome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

**Locus ID:** 4599

**MW:** 18