

## Product datasheet for **SC207286**

### MTP18 (MTFP1) (NM\_016498) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MTP18 (MTFP1) (NM\_016498) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MTFP1  
**Synonyms:** HSPC242; MTP18  
**ACCN:** NM\_016498  
**Insert Size:** 550 bp  
**Insert Sequence:** >SC207286 3'UTR clone of NM\_016498  
The sequence shown below is from the reference sequence of NM\_016498. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAACAGTGGGAAGCCAGCTCCTCCTGATCATACTCTGGTACCTGGCCTGTGCATCGGCCTCCTGCT
TCATGTCAACCTCCTACTCCTGCCAGGGAATGTGGACACCTGGCTCCCTGGTGTCCAAGACCCCTGGCA
CCTGGGTGGTGGTGGAGCTGGACAGAAGCTTAGAGACAAAGGCTTCAAGAAGCAGTGGCTGCAGGGAGTC
ACAGAAGGGCAGGACCTGAACGCTGTCTGCTTCCCTGGAATCCAAGATGCTGAGTGGAAAGTGGACCTG
GGTGGGCCCGCCCTGTCTTTTTCAGGAAAATTACATCCTCCCATGGAGGATGAGAGACTGAGGCTCAG
GGAGGGCAAGGAATAGGCCCAAGATCACTTGGCAAGCTGGGCACCCAGGACCCCAAGGTGCTTGACAGA
GTCACCCCATGGTGGTATGGCTGAACAAGGAGCGGCAGACAACCTCAGGGAGAACTCAGGAGTGCAGTA
CCAGGGACACCTCAGGACAGATTCTCTGGCCAGGCCCTTCCCTGACCCAATAAATCCTGAAGAGGTT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**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\\_016498.5](#)



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**Summary:** MTP18 is a mitochondrial protein and downstream target of the phosphatidylinositol 3-kinase (see PIK3CA, MIM 171834) signaling pathway that plays a role in cell viability and mitochondrial dynamics (Tondera et al., 2004 [PubMed 15155745]).[supplied by OMIM, Mar 2008]

**Locus ID:** 51537

**MW:** 19.9