

Product datasheet for **SC205422**

MTP18 (MTFP1) (NM_001003704) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTP18 (MTFP1) (NM_001003704) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MTFP1
Synonyms:	HSPC242; MTP18
ACCN:	NM_001003704
Insert Size:	410 bp
Insert Sequence:	>SC205422 3'UTR clone of NM_001003704 The sequence shown below is from the reference sequence of NM_001003704. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGGGTGGGTTTGAGCTGGACAGAAGCTTAGAGACAAAGGCTTCAAGAAGCAGTGGCTGCAGGGAGTCAC AGAAGGGCAGGACCTGAACGCTGTCTGCTCCCTGGAATCCAAGATGCTGAGTGGAAAGTGGACCCTGGG TGGCCCCGGCCCTGTCTTTTTCAGGAAAATTACATCCTCCCATGGAGGATGAGAGACTGAGGCTCAGGG AGGGCAAGGAATAGGCCAAGATCACTTGGCAAGCTGGGCACCCAGGACCCCAAGGTGCTTGACAGAGT CACCCCATGGTGGTATGGCTGAACAAGGAGCGGCAGACAACCTCAGGGAGAAAACCTCAGGAGTGCAGTACC AGGGACACCTCAGGACAGATTCTCTGGCCAGGCCCTTCCCTGACCCAATAAATCCTGAAGAGGTT ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG Restriction Sites: Sgfl-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_001003704.3



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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: 15.5