

Product datasheet for **SC200499**

MTERFD1 (MTERF3) (NM_015942) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MTERFD1 (MTERF3) (NM_015942) Human 3' UTR Clone
Symbol:	MTERFD1
Synonyms:	CGI-12; MTERFD1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015942
Insert Size:	119 bp
Insert Sequence:	>SC200499 3'UTR clone of NM_015942 The sequence shown below is from the reference sequence of NM_015942. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC GACTTTGAAAAATTCTTAAAAACGCTT AG ATTTTATGTATGTTAAAATGCAGTATTGTAAAGTGAAT ATATATATGAATAAATGAATATATTTTTAAATGCCTCGGGTCTCAACTGA ACGCGT AAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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:	<u>NM_015942.5</u>



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Summary: Binds promoter DNA and regulates initiation of transcription (PubMed:17662942). Required for normal mitochondrial transcription and translation, and for normal assembly of mitochondrial respiratory complexes. Required for normal mitochondrial function (By similarity). Maintains 16S rRNA levels and functions in mitochondrial ribosome assembly by regulating the biogenesis of the 39S ribosomal subunit (By similarity).[UniProtKB/Swiss-Prot Function]

Locus ID: 51001

MW: 4.9