

Product datasheet for **SC319767**

MTERF2 (NM_025198) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTERF2 (NM_025198) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTERF2
Synonyms:	MTERFD3; mTERFL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_025198.3
 GGGGACTGATGGCCTGGTTGGCGGTGCTGAGAAGTGTCCGGGAGCTTCTTGAGACCGAGGA
 CCGAAATCCCAGGCTCCAGGCCTCGGGGACTGCGGACTGTGGGAGGCTGGCCGGAGAGAG
 AGGGAAGGACGGGGCCTGGCCCCGGGACTCCCTGTGCCTTGCTTGGAGCTGACGCCGAC
 GGGAACTGACAAGATCACATTTTGAGAAGAAGTTGAAAAGAATCCCAAGTGGATGAAGT
 GAATATCTGGATGAGGACAAGATCTGTGGGAGAGACTGTAAGATAGAATGAGTCCATTT
 AAGTCCCAGGACGGTGGAACTAGCTAGTAGATTGCAGCCATGTTGTGGAAGCTGCTGCT
 GAGATCCCAGTCCCTGCAGGCTGTGTTCTTTCAGAAAGATGCGATCACCTCCAAAATACAG
 ACCTTTCTTAGCATGCTTACCTATACAAGTATAAACAGTTCGAGCAAAGAAAATACAAG
 AACAGTGGAAAAGCTCTATAAATGTTTCAGTTGACATTAGGAAAATTCGTAGATTAAGG
 ATGGTACTTTTAGAGGATGAAACCTATGTTGAAGAAATGCGAATATTTTACAAGAACT
 AGGTGCCGATGAGACTGCTGTAGCCAGTATTTTGAACGCTGCCCGGAAGCAATTGTCTG
 TAGTCCAACCGCTGTTAACACCCAGAGAAAAGTCTGGCAGTTGGTCTGCAAAAATGAGGA
 AGAGTTAATCAAGTTAATAGAGCAGTTTCCAGAATCTTTCTTTACTATTAAGACCAAGA
 GAACCAGAAGCTGAATGTTTCAGTTCTTTCAAGAGTTGGGACTAAAAAATGTGGTCATTAG
 CAGACTTTTGACAGCTGCACCTAATGTTTTTCATAATCCTGTTGAGAAGAATAAGCAAAT
 GGTAAGAATTCTCCAAGAGAGTTATCTAGATGTAGGTGGCTCTGAGGCCAACATGAAAGT
 TTGGCTACTAAAATGTTAAGCCAAAACCCATTTATTTTGTAAATTTCTCCACAGCTAT
 AAAGGAAACACTAGAATTTCTCCAGGAGCAAGGTTTACCAGCTTTGAAATTTCTCCAGCT
 TCTATCCAAACTCAAAGATTTCTTTTTCAACTTTGCCAAGAAGTATACAGAATAGTAT
 TTCCTTCTCTAAAAATGCTTTTTAAATGCACAGATCATGACCTGAAGCAATTAGTTTTGAA
 ATGTCTGCCCTTTTATATTCTGTTCCAGTTTTAGAAGAGAGAATGCAAGGATTATT
 GAGAGAAGGAATTTCCATAGCTCAGATAAGGAACTGAATTCCTCAGGCTACAGAATAAAGGATGG
 ACAGATAGTACAGTACAGGATAAGGAACTGAATTCCTCAGGCTACAGAATAAAGGATGG
 ACATCTAGCAAATCTAAATGGATCAAAAAAAGAGTTTGAAGCTAATTTTGGCAAAATTC
 GGCAAAAAAGTAAGGCCATTATTTAACCTGTGGCACCATTAAATGTTGAAAGATGACA
 TACTGACTGTTGTGCTTCTTTAGCAGTGCAGGGTGAAGTAACTAGCAAAGACAAAA
 ATTCAGGCAGTTGTAGACACCAGTAATTTAAGAACCTGCTTAGCTTCTGTGTTGATT
 TAAGTTATCTCTAAATAGATAAATCTGACTCGTCCATATTATAAAATATAAATCATAT
 TTATTTAATAAGGTTGGTAACCTTTACCTTGAACCATTATTTCAAAAACCTCATATACTA
 TTAATGTCATATCAGTGTGATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_025198

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_025198.3</u> , <u>NP_079474.2</u>
RefSeq Size:	1765 bp
RefSeq ORF:	1158 bp
Locus ID:	80298
UniProt ID:	<u>Q49AM1</u>
Cytogenetics:	12q23.3
Domains:	Mterf
Gene Summary:	<p>Binds mitochondrial DNA and plays a role in the regulation of transcription of mitochondrial mRNA and rRNA species.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate 5' splice site, compared to variant 1. Both variants 1 and 2 encode the same protein.</p>