

Product datasheet for **SC212176**

mtTFA (TFAM) (NM_003201) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	mtTFA (TFAM) (NM_003201) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TFAM
Synonyms:	MTDPS15; MTTF1; MTTFA; TCF6; TCF6L1; TCF6L2; TCF6L3
ACCN:	NM_003201
Insert Size:	1078 bp
Insert Sequence:	>SC212176 3' UTR clone of NM_003201 The sequence shown below is from the reference sequence of NM_003201. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TATGGTGTCTGAGGAGTGT**TAA**AAGTAGAAGATTGAGATGTGTTACAATGGATAGGCACAGGAAACCACT
TAGGTCTCAATACCTGAAGCTATCGTAAAATTAAGAAAAGGATAAAGTTGGTAAACCTTTTATATTTAGTA
TCTTTTATTCAGCTCATGGACTTCTGCCAGCATAATACTTGCTTTGGAAAACCCAGATAAAGGTTTCATG
CAAACCTTATTTTGTGTTTAGGAACTACTGAGGATCAGAGTAATCCAAGCAAATGTGAATCATTTTACCT
TTGACAAAGGTAATCAGACTATGAAGTTTTTTTTATACAGGATGATGACTATGGAAAGAGTACTCTTGT
TTCCTTATATTATGGAGGCAGGAGTTTCGTTTTCAAATTGTTACAAATTGTAGAAGCCACGGTGTCTG
TGATATAAGTGTGTGTTTTTCATAAAGCAGGCAGAACTCATCTAGGTAATTACAGTTCCTAGGTATAAT
TCACATTGTATTCAGAGTTGATGGTTGTACATATAAGTGATTGCTGGTTTTAGTTGCAACTTTGTATAAA
AGGGACTGAGAAATTTATAAACTTTTTTCTTACTGTCTTTTTTCTAAAGTAAAAACAAAGAAATTTATGTG
CCAGATTTATGCATATTATTTTATGTTGCATAGAATAAAATTTTTAATCTTTAATTTTACATTTCTCTAAA
TATATTTTAAAGACGAAACATTTGTTCTATAGCTTTTTCCCTTTTTTAAAGTAAGGAATTTTATTTTTTCT
GAATTATTTTCTCTCGTGAGTATATTGATCCAGAAAGAAAACCTTGATTATGTGTGTTTTAAAATGAGAA
ATCTAAAAACGAAAAGTCTCCAAAGTCTCTGGAATTTGAAACACTTTGCATAACGTATAAAAGCCTGTT
TAAGAGACAGCCAATATGGCCTGTGGATCAAATCCAGCCTGCTGCTGCTTTTTATGGCCTGTGAGCTA
GGAATTGTGTTTATAATTTTAAATGTTTTTTTTTAAAGACTTTTATGATACTTAAAAATTAACATGAATA
TTTAGTGTTTATAAATAAAGTTTGTGTA

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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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_003201.1</u>
Summary:	This gene encodes a key mitochondrial transcription factor containing two high mobility group motifs. The encoded protein also functions in mitochondrial DNA replication and repair. Sequence polymorphisms in this gene are associated with Alzheimer's and Parkinson's diseases. There are pseudogenes for this gene on chromosomes 6, 7, and 11. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Locus ID:	7019