

Product datasheet for **SC201962**

TFB1M (NM_016020) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TFB1M (NM_016020) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TFB1M
Synonyms:	CGI-75; CGI75; mtTFB; mtTFB1
ACCN:	NM_016020
Insert Size:	185 bp
Insert Sequence:	>SC201962 3' UTR clone of NM_016020 The sequence shown below is from the reference sequence of NM_016020. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCA**GCGATCGC**

GAAGAGGATGACGCAGAGAATTACAGACTCT**AG**CTGCTGCCTGGGGCGAGCAGCCTACCAGATGTCGAT
TTGCACTACGTGGAGCTTCTTATATAGTACTCTTTTGTCTTTACAGAATGACGATACAAATGCCAATGA
CCAGATGTGACTTATTTTCTTTTACTATACAGCTTGGCAGAGAA

ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCG

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:	<u>NM_016020.2</u>



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Summary: The protein encoded by this gene is a dimethyltransferase that methylates the conserved stem loop of mitochondrial 12S rRNA. The encoded protein also is part of the basal mitochondrial transcription complex and is necessary for mitochondrial gene expression. The methylation and transcriptional activities of this protein are independent of one another. Variations in this gene may influence the severity of aminoglycoside-induced deafness (AID). [provided by RefSeq, Aug 2010]

Locus ID: 51106