

Product datasheet for **SC204934**

Transcription termination factor 1 (TTF1) (NM_007344) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Transcription termination factor 1 (TTF1) (NM_007344) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TTF1
Synonyms:	TTF-1; TTF-I
ACCN:	NM_007344
Insert Size:	397 bp
Insert Sequence:	>SC204934 3'UTR clone of NM_007344

The sequence shown below is from the reference sequence of NM_007344. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTGGGAGGCCAAGGCCGGTGGATCATCTGAGGTCAGGAGTTCGAGACCGCCTGACCAACATGGTGAAG
ACCTGTCACTATTAATAATGCAAAAATTAGCCGGGTGGTAGTGACACCTGTAATTTCAACTACTTG
GGAGGCTGAGGCAGGAGAATTGCTTGAACCCAGGAGGTGGAGTTGCAGTGAGCCAAGATCGCACCCACC
GCATGAGAGAGAGAGATTACTATTTCTGTCCCTTTTTCTCAGTTTGATTATATTATATACATATGTC
AGTAAATCTGTTTTAGTATTGATGTTAATAAAGAATGTACAATGGCCAGAGTTCTACTCTTCTCTCT
GGAGCATTAAATATATTGCCATTCTATTAACGTAATTTGAATGTGAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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:	<u>NM_007344.4</u>



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Summary: This gene encodes a transcription termination factor that is localized to the nucleolus and plays a critical role in ribosomal gene transcription. The encoded protein mediates the termination of RNA polymerase I transcription by binding to Sal box terminator elements downstream of pre-rRNA coding regions. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. This gene shares the symbol/alias 'TFF1' with another gene, NK2 homeobox 1, also known as thyroid transcription factor 1, which plays a role in the regulation of thyroid-specific gene expression. [provided by RefSeq, Apr 2011]

Locus ID: 7270

MW: 14.8