

## Product datasheet for SC202585

### TAF9 (NM\_003187) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	TAF9 (NM_003187) Human 3' UTR Clone
Symbol:	TAF9
Synonyms:	MGC:5067; STAF31/32; TAF2G; TAFII-31; TAFII-32; TAFII31; TAFII32; TAFIID32
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003187
Insert Size:	199 bp
Insert Sequence:	<p>&gt;SC202585 3' UTR clone of NM_003187</p> <p>The sequence shown below is from the reference sequence of NM_003187. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b>=Cloning site  <b>Blue</b>=Stop Codon</p>

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GATGATGACTATGATAATCTGTAACTAGCCTTGCTGAATGTAACATGTATACTTGGTCTTGAATTCATT  
 GTACTGATATTAACATGCATGCTGGATGTTTTCAAGTTGTGTTTAGAAAACTAATAATAATGAGTAAA  
 CACAGTTACCATACTTTCAATTGAAATGAAGGTTTTTCATCAGCCTTAAAGTGTAAAG

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_003187.4</u>


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**Summary:**

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the smaller subunits of TFIID that binds to the basal transcription factor GTF2B as well as to several transcriptional activators such as p53 and VP16. In human, TAF9 and AK6 (GeneID: 102157402) are two distinct genes that share 5' exons. A similar but distinct gene (TAF9L) has been found on the X chromosome and a pseudogene has been identified on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

**Locus ID:**

6880