

## Product datasheet for **SC114555**

### TAF9B (NM\_015975) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TAF9B (NM_015975) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF9B
Synonyms:	DN-7; DN7; TAF9L; TAFII31L; TFIID-31
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015975, the custom clone sequence may differ by one or more nucleotides

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ATGGAGTCGGGCAAGATGGCGCCTCCCAAGAACGCTCCGAGAGATGCCTTGGTGATGGCAGATCCTGA  
AGGATATGGGAATCACAGAGTATGAACCAAGGGTTATAAATCAAATGTTGGAATTTGCTTCCGTTATGT  
GACTACAATTCTGGATGATGCAAAAATTTATTCGAGCCATGCTAAGAAACCTAATGTTGATGCAGATGAT  
GTGAGACTGGCAATCCAGTGTCTGTGCTGACCAATCTTTTACCTCTCTCCCCAAGAGATTTTTTACTGG  
ATATCGCAAGGCAGAAAAATCAAACCCCTTTGCCACTGATTAAGCCATATGCAGGACCTAGACTGCCACC  
TGATAGATACTGCTTAACAGCTCCAACTATAGGCTGAAGTCCTTAATTAAGGGACCTAACCAAGGG  
AGACTAGTTCACGATTAAGTGTGGTGTGTTAGTAGCAAACCTACTACTCTACTATAGCAACCCAC  
AAACGGTGTCTGTCCCAATAAAGTTGCAACTCCAATGTCAAGTACAAGCCAAAGATTTACGGTGCAGAT  
TCCACCTTCTCAGTCCACACCTGTCAAACAGTTCCTGCAACAACCTGCAGTTCAAATGTTCTGATTAAT  
CCTTCAATGATTGGGCCAAAAATATTCTTATTACCACCAACATGGTTTCGTACAGAACACAGCCAATG  
AAGCAAACCCACTGAAGAGAAAACATGAAGATGATGATGACAATGATATTATGTAA
```



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**Reconstitution Method:**

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:** [NM\\_015975.3](#), [NP\\_057059.2](#)

**RefSeq Size:** 2734 bp

**RefSeq ORF:** 756 bp

**Locus ID:** 51616

**UniProt ID:** [Q9HBM6](#)

**Cytogenetics:** Xq21.1

**Domains:** TFIID-31

**Protein Families:** Transcription Factors

**Protein Pathways:** Basal transcription factors

**Gene 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 a protein that is similar to one of the small subunits of TFIID, TBP-associated factor 9, and is also a subunit of TFIID. TAF9 and TAF9b share some functions but also have distinct roles in the transcriptional regulatory process. [provided by RefSeq, Jul 2008]