

## Product datasheet for SC122286

### TAF13 (BC017821) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TAF13 (BC017821) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TAF13  
**Mammalian Cell Selection:** None  
**Vector:** pCMV6-XL5  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**Fully Sequenced ORF:** >OriGene sequence for BC017821 edited

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GCTGTGAGTTGGCGTGCTAGTGGGATGGCAGATGAGGAAGAAGACCCACGTTTGAGGAA
GAAAATGAAGAAATTGGAGGAGGTGCAGAAGGTGGACAGGGTAAAAGAAAGAGACTTTTT
TCTAAAGAATTGCGATGTATGATGTATGGCTTTGGGGATGACCAGAATCCTTATACTGAG
TCAGTGGATATTCTTGAAGATCTTGTCATAGAGTTTATCACTGAAATGACTCACAAAGCA
ATGTCAATTGGAAGACAAGGTCGAGTACAAGTTGAAGATATCGTCTTCTTGATTCGAAAAG
GACCCAAGGAAGTTTGCCAGGGTTAAAGACTTGCTTACTATGAATGAAGAATTGAAACGA
GCTAGAAAAGCATTGATGAAGCAAATTATGGATCTTGACACTTTTTGTAGTTCCGAAA
ATTACCATCTGGGAAACCATATATAATAATTGTATTTTTCTAAAGTAAGATTCTGATA
TCTAGCCGAGATCGCACCCTGCACTCCAGCCTGGGCGACAGAGCGAGACTCCGTCTCAA
AAAAAAAAAAGAAAGCAAGTTTCACATGAATAATGCTGTGTTGGAAGGCTTTTTGATTTA
AAATCTTTTCGGATTTATAACATCCTGTTAAGTTTTAGGAGAACCCGTTTTCCCAGAGCA
GATTCAAGCTTCTAAAAATAAATGCTTTCAGTAGCAGGAATGGCATTGTTAAAAAGCTG
ATGGCAGGGTAAGCATTGGGTTAGTGTTTTATTAACATATTTGTAAGTACTTGTTCATT
GTGGAAATGTGCCTTGACTAAAACCATACGTGGCTATGGAAACCATGTTTGTAGTTCTG
AATACACAGGTTTTGTGTGATTTACTCTATGTATTAATTATTATGTCCTTAGTTTAA
AGTAAGGATTACAATTGGATTTAAGTAGATCACTGAATGTTATTGTTTATGAACTTAAC
TTTTTGATGCTGCTTATAAACATGATCTATAAATCAGTGCTTGGGAAAAATTTACTTTC
TTAATCTACTGATACAGGAATAAAATATGAACAATTAACAGATAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC017821 unedited NNNNNGGGGGTCTGGATTTTGTAAACGACTTTCTATAGGGCGGCGCGGAATTCGCCAT TACGGCCGGGGCTGTGAGTTGGCGTGCTAGTGGGATGGCAGATGAGGAAGAAGACCCCA CGTTTGAGGAAGAAAAATGAAGAAATTGGAGGAGGTGCAGAAGGTGGACAGGGTAAAAGAA AGAGACTTTTTCTAAAGAATTGCGATGTATGATGTATGGCTTTGGGGATGACCAGAATC CTTATACTGAGTCAGTGGATATTCTTGAAGATCTTGTCATAGAGTTTATCACTGAAATGA CTCACAAGGCAATGTCAATTGGAAGACAAGTTCGAGTACAAGTTGAAGATATCGTCTTCT TGATTGAAAGGACCCCAAGGAAGTTTCCAGGGTTAAAGACTTGCTTACTATGAATGAAG AATTGAAACGAGCTAGAAAAGCATTGTGATGAAGCAAATTATGGATCTTGACACTTTTTGT AGTTTCCGAAAATTACCATCTGGGGAAACCATATATAATAATTGTATTTTTCTAAAGTA AGATTCTGATATCTAGCCGAGATCGCACCCTGCACTCCAGCCTGGGCGACAGAGCGAGA CTCCGCTCAAAAAAAAAAAGAAAGCAAGTTTCACATGAATAATGCTGTGTTGGAAGGC TTTTTGATTTAAATCTTTTCGGATTTATAACATCCTGTAAAGTTTAGGAGAACCCGTT TTCCAGAGCAGATTCAAGCTTCTAAAAATAAATGCTTTCAGTAGCAGGAATGGCATTGT TAAAAAGCTGATGGCANGGTAAGCATTGNNGTAGTGTTTTATTAACATATTTGTGAG TACTTGTTCAATTGTGGGAATGTGCCTTGACTAAACCATACGTGGCTTNGAGACATGTTT GTA
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC017821
<b>Insert Size:</b>	1093 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC017821.1</a>
<b>RefSeq Size:</b>	1093 bp
<b>Locus ID:</b>	6884
<b>Cytogenetics:</b>	1p13.3
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	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 small subunit associated with a subset of TFIID complexes. This subunit interacts with TBP and with two other small subunits of TFIID, TAF10 and TAF11. There is a pseudogene located on chromosome 6. [provided by RefSeq, Jul 2008]