

Product datasheet for **SC316850**

TAF3 (NM_031923) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF3 (NM_031923) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF3
Synonyms:	TAF140; TAFII-140; TAFII140
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_031923 edited
 ATGTGCGAGAGTTACTCCAGGTCGTTGTTGAGGGTCTCGGTGGCGCAGATCTGCCAGGCG
 CTGGGCTGGGACTCGGTGCAGCTCAGCGCTGCCACCTCCTCACGGACGTGCTGCAGCGC
 TATCTGCAGCAGCTGGGCCGGGCTGCCATCGTACTCTGAGCTCTATGGCCGAACAGAC
 CCAATTTTGGATGATGTTGGTGAAGCTTCCAGCTGATGGGGTTAGTCTACATGAACATA
 GAAGACTATATTCACAACATTGAGCCTGTCACCTTCCCACACCAAAATCCGTCATTTCTCT
 GTTAGCAAGAACAATGTACTTCAGTTTCTCAACCTGGAAGTAAAGATGCAGAGGAAAGA
 AAAGAATACATTCTGTATTACCTGCCACCCATTGTGTCTTCTCAAGAAGAAGAAGAAGAA
 GAGCAGGTGCCCACTGATGGAGGCACATCAGCAGAAGCCATGCAGGTTCCCTTGGAAGAA
 GATGATGAATTGGAGGAGGAAGAAATTATTAATGATGAGAATTTCTGGGCAAGAGACCA
 CTGGATAGTCTGAAGCTGAAGAACTGCCAGCCATGAAGCGGCTCGGCTATTAAGCACT
 AAAGGGGACACGCTAGATGTTGTGTTATTGGAAGCTCGAGAGCCACTCAGCTCAATAAAT
 ACTCAAAAGATCCCACCAATGCTTCTCCAGTCCATGTACAGGACAGTACAGACTTGGCA
 CCTCCCTCACCCGAGCCCAATGTTGGCTCCAGTTGCAAAATCACAATGCCAACTGCA
 AAACATTAGAAACAAAGTCATTTACACCTAAAACAAAGACTAAAGTCTCTCCAGGA
 CAGAAGACTAAATCACCTAAAACCGCCAGTCACCAGCAATGGTCGGAAGTCTATTCTGA
 TCACCAAAAACTGTATCCAAAGAAAAGAAATCACCTGGACGTTCCAAGAGCCCCAAGAGT
 CCCAAGAGCCCCAAGGTCACGACTCACATTCCTCAACACCTGTGAGACCTGAAACGCC
 AACAGGACTCCTTCAGCTACACTCAGTAAAAAATCAGTAAAGAGACTATCCAGGTAAAA
 CAAATACAGACACCCCTGATGCTGGGAACTGAACAGTGAGAATCAGCCGAAAAAGGCT
 GTGGTAGCAGATAAACGATTGAGGCCTCTATCGATGCTGTGATTGCACGAGCCTGTGCT
 GAGCGAGAGCCAGATCCTTTCGAATTTCTTCTGGATCGGAATCTGAAGGAGACATTTT
 ACTAGCCCTAAGAGAATTTGAGGCCCGAGTGTACTACTCCAAAGCTTCCACTTCCGCG
 AACAGTTTCAACAAGTCAGGATCCACTCCTCTGCCTCTTCCGCTGGAACCTCAAGTTCC
 GATAACTCATGGACAATGGATGCCTCCATTGATGAGGTTGACGTAAAGCAAACTGGGA
 ACACCTTCAAAATATGCCCCCACTTTCTTATATCTCTTCTCCGTCAGTGTCTCCTCCC
 ACTCCGAACCTCTCCACAAGGTGTATGAGGAGAAAACCAAGCTGCCTTCTCCGTGGAG
 GTAAAGAAGAAGTTGAAAAAGGAACTAAAGACTAAATGAAAAAGAAAGAAAGCAGAGA
 GATAGGGAGAGGAAAAAGACAAGAACAAGGACAAAAGTAAGGAGAAGGATAAAGTGAAA
 GAGAAAGAGAAAGACAAGGAACTGGCAGGGAACAAAGTATCCCTGGAAGGAATTTCTT
 AAAGAGGAAGAGGAGATCCCTACAAGTTTAAATCAAAGAATTTGAAGATGTTGATCCC
 AAAGTGAAATTGAAAGATGGACTTGTGAGGAAGGAGAAAGAGAAGCATAAAGATAAGAG
 AAAGATAGAGAGAAAGGCAAGAAAGATAAAGATAAGAGAGAGAAAGAAAAAGTAAAGAT
 AAAGGCAGAGAAGATAAGATGAAAGCCCCAGCACCCCACTGGTGTGCCCCAAAGAG
 TTGGCCCTGCCCTTGTTCAGCCCTGCCACAGCCTCCAGGGTCCAGCCATGCTGCCATCT
 TTGTTGCCAGTGCTTCCGAAAACTGTTTGAGGAGAAAGAGAAGCCGAAGGAGAAAGAA
 AAGAAAAAGGACAAAAAGGAGAAGAAGAAAAAGGAAAAAGAGAAGGAGAAGAAGGAG
 AAGGAAAGAGAGAAAGAGAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAAC
 AAGCATGAAAAATAAAAGTGGAACCAAGTCGCTCTGGCCCCGAGTCCAGTTATCCCCAGA
 TTAACCTCTCCGAGTCGGTGCTGGCCAAGACAAGATTGTCATCAGCAAGGTGGTCCCTGCC
 CCCGAGGCCAAGCCGGCGCCCTCGCAGAACAGGCCGAAGACCCACCGCCGGCCCCCGCG
 CCCGCCCCCGGCCCATGCTCGTCAGCCCTGCGCCCGTGGCGCTGCCGCTGCTCGCCAG
 GCGCGCGGGGCCCTGCCCTGCTGCCCTCCCCGGGTCCCGCCGCTCCGGGGCAGTGCC
 AAAGCCCCGTGCGCAGCGTGGTGAAGTACGACGGTCAGCACCTACGTGATCCGAGATGAG
 TGGGGCAATCAGATCTGGATCTGCCCTGGGTGTAACAAGCCTGACGATGGGAGTCCCATG
 ATTGGGTGTGACGACTGCGATGACTGGTACCACTGGCCCTGTGTTGGAATCATGACTGCA
 CCCCCAGAAGAGATGCAGTGGTCTGCCCAAGTGTGCGAACAAGAAGGACAAAAAG
 CACAAGAAGAGGAAGCATCGAGCCCACTGA

Restriction Sites: Please inquire

ACCN: NM_031923

Insert Size:	4700 bp
OTI Disclaimer:	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).
OTI Annotation:	It is not a variant.
Components:	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).
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:	<u>NM_031923.1</u> , <u>NP_114129.1</u>
RefSeq Size:	4872 bp
RefSeq ORF:	2790 bp
Locus ID:	83860
UniProt ID:	<u>Q5VWG9</u>
Cytogenetics:	10p14
Protein Families:	Druggable Genome
Gene Summary:	The highly conserved RNA polymerase II transcription factor TFIID (see TAF1; MIM 313650) comprises the TATA box-binding protein (TBP; MIM 600075) and a set of TBP-associated factors (TAFs), including TAF3. TAFs contribute to promoter recognition and selectivity and act as antiapoptotic factors (Gangloff et al., 2001 [PubMed 11438666]).[supplied by OMIM, May 2009]