

## Product datasheet for **SC111160**

### TAF6L (NM\_006473) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TAF6L (NM_006473) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF6L
Synonyms:	PAF65A
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene ORF within SC111160 sequence for NM\_006473 edited (data generated by NextGen Sequencing)

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ATGTCAGAGCGAGAAGAGCGGCGGTTTGTGGAGATCCCTCGGGAGTCTGTCCGGCTCATG
GCGGAGAGCACGGGCTGGAGCTGAGCGATGAGGTGGCGGCGTCTCGCAGAGGACGTG
TGCTATCGTCTGAGAGAGGCCACGCAGAATAGCTCTCAGTTCATGAAGCACACCAACGC
CGGAAGCTGACGGTTGAGGACTTCAACAGGGCCCTCAGATGGAGCAGCGTGGAGGCTGTG
TGTGGTTACGGATCACAGGAGGCACTGCCATGCGCCCCCAGGGAGGGTGAACCTAC
TTTCTGAGGATCGAGAGGTGAACCTGGTGGAGCTGGCCCTGGCTACCAACATCCCCAAA
GGCTGTGCTGAGACAGCTGTGAGAGTTCATGTCTCCTACCTGGATGGCAAAGGGAACCTG
GCACCTCAAGGATCGGTGCCAGTGTGTCTTCACTGACAGATGACCTTCTCAAGTAC
TATCACCAGGTGACTCGTGTGTCTAGGGGATGATCCGCAACTGATGAAGGTTGCACTC
CAGGACTTGCAGACGAACTCCAAGATTGGGGCACTCTGCCTTACTTTGTTTATGTGGTC
AGTGGGGTAAATCTGTAAGCCATGACCTGGAGCAACTGCACCGGCTGCTGCAGGTGGCA
CGGAGCCTATTTTCGTAATCCGCACCTGTGCTTGGGGCCCTATGTCGGCTGTCTGGTGGC
AGTGTCTCTACTGTGCTCTGGAGCCACTGGCTGCCTCCATCAACCCCTGAATGACCAC
TGGACTCTGCGGGATGGGGCTGCCCTCCTGCTCAGCCACATCTTCTGGACTCATGGGGAC
CTTGTAAGTGGCCTCTATCAGCATATCCTGCTATCCCTGCAGAAGATCCTGGCAGATCCT
GTGCGGCCGCTCTGCTGCCACTATGGAGCCGTGGTGGGGCTGCATGCTCTTGGCTGGAAG
GCAGTAGAACGAGTCTGTACCCACACCTGTCCACCTACTGGACAAACTTGCAGGCTGTG
CTGGATGATTATTCAGTATCTAATGCCAGGTCAAAGCAGATGGACACAAAGTCTATGGA
GCCATTCTGGTGGCGGTAGAGCGACTGCTGAAGATGAAGGCCAGGCAGCAGAGCCCAAC
AGGGGTGGCCCAGGTGGCAGGGGGTCCCGGCGCCTGGACGACCTGCCATGGGACAGCCTT
CTCTTTCAAGAGTCGTCCTCCGGGGCGGTGCAGAACCAGCTTTGGGTCCGGCCTCCCG
CTGCCCGCAGGGGCGCGGGGCCGGAGGACCCTTCTCTTTCGGTGACCCTGGCCGACATC
TACCGGGAGCTCTACGCCTTCTTCGGTGACAGCTTGGCCACACGCTTTGGCACCGGCCAG
CCTGCACCCACGGCTCCGCGGCCGCCGGGGACAAGAAGGAGCCGGCGGCAGCCCCGGAC
TCGGTGCGAAGATGCCGCACTGACGGCAAGCGCCATAGTCAGCCCGCACGGCGACGAG
AGCCCCGGGGCAGCGGCGGAGGCGGCCCGCGTGGCCCTTGGGCCCGCCGCTCTGAG
AGCAGGCCCTTGGCGCGTGCATCGGGCGCGGGGGACCCCGGCAGCAGGGCCCCGGG
ACCGGCACCCGCGACGTTTTCCAGAAGAGCCGTTTCGCCCCGCGGGCGCCCCGCACTTT
CGTTTCATCATAGCCGGGCGGCAGGCTGGGAGGCGCTGCCGCGGGCGCCTTTTCAGACT
GCCTTCCCGCGCGTACGGGCCTAGCCCGGCCTCGCGCTACGTGCAGAACTGCCCATG
ATCGGCCGTACCAGCCGCCCGCCCGCCGGTGGGCGCTCTCGGACTACTCGCTGTACTTG
CCGCTCTGA
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Clone variation with respect to NM\_006473.3

<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_006473 unedited AAAAAGTTAGATTTGTAACGATTACTATAGGCGCCGCGNAATTCGCACCAGGCGCCGC CGCCACC GCCCCCGCCGCGTCTCGGTAGCAGCCTTCGCCACGCCGGGTCTTCAGC TCCACTGGGGCCATGTCAGAGCGAGAAGAGCGCGGTTTGTGGAGATCCCTCGGGAGTCT GTCCGGCTCATGGCGGAGAGCACGGCCTGGAGCTGAGCGATGAGGTGGCGGCGCTGCTC GCAGAGGACGTGTCTATCGTCTGAGAGAGGCCACGCAGAATAGCTCTCAGTTCATGAAG CACACCAAACGCCGGAAGCTGACGGTTGAGGACTTCAACAGGGCCCTCAGATGGAGCAGC GTGGAGGCTGTGTGGTTACGGATCACAGGAGGCACTGCCCATGCGCCCGCCAGGGAG GGTGAACTCTACTTTCCTGAGGATCGAGAGGTGAACCTGGTGGAGCTGGCCCTGGCTACC AACATCCCCAAAGGCTGTGCTGAGACAGCTGTCAGAGTTCATGTCTCTACCTGGATGGC AAAGGGAACCTGGCACCTCAAGGATCGGTGCCAGTGCTGTGCTTCACTGACAGATGAC CTTCTCAAGTACTATCACCAGGTGACTCGTGTGCTAGGGGATGATCCGCAACTGATG AAGTTGCACTCCAGGACTTGCAGACGAACTCCAAGATTGGGGCACTCCTGCCTACTTT GTTTATGTGGTCAGTGGGTGAAATCTGTAAGCCATGACCTGGAGCAACTGCACCGGCTG CTGACAGTGGCACGGAGCCTATTTTCGTATCCGCACCTGTGCTTGGGGCCCTATGTCGGCT GTCTGGTGGGAGTGTCTCTACTGTGTCTGGAGCCACTGGCTGNCTCCATCAACCCCT C
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_006473
<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="#">NM_006473.2</a> , <a href="#">NP_006464.1</a>
<b>RefSeq Size:</b>	2016 bp
<b>RefSeq ORF:</b>	1869 bp
<b>Locus ID:</b>	10629
<b>UniProt ID:</b>	<a href="#">Q9Y6J9</a>
<b>Cytogenetics:</b>	11q12.3
<b>Domains:</b>	TAF
<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 protein that is a component of the PCAF histone acetylase complex and structurally similar to one of the histone-like TAFs, TAF6. The PCAF histone acetylase complex, which is composed of more than 20 polypeptides some of which are TAFs, is required for myogenic transcription and differentiation. [provided by RefSeq, Jul 2008]