

Product datasheet for **SC116606**

TAF7 (NM_005642) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF7 (NM_005642) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF7
Synonyms:	TAF2F; TAFII55
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005642, the custom clone sequence may differ by one or more nucleotides

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ATGAGTAAAAGCAAAGATGATGCTCCTCACGAACTGGAGAGCCAGTTTATCTTACGCTCTGCCTCCAGAAT
ATGCCTCTACTGTGAGAAGGGCAGTACAGTCTGGTCATGTCAACCTCAAGGACAGACTGACAATTGAGTT
ACATCCTGATGGGCGTCATGGAATCGTCAGAGTGGACCGTGTTCATTGGCCTCAAAATAGTAGACCTG
CCCTGTGTTATGGAAAGCTTGAAAACCATTGATAAAAAAACTTTTACAAGACAGCTGATATCTGTCAGA
TGCTTGATCCACAGTTGATGGTGATCTCTATCCTCCTGTGGAGGAGCCAGTTGCTAGCACTGATCCTAA
AGCAAGCAAGAAAAGGATAAAGGACAAAAGAAAAAGTTTATCTGGAACACGGAATTACTCTGCCTCTA
AAGAATGTCAGGAAGAGAAGGTTCCGGAAGACAGCAAAGAAGAAATATATTGAATCTCCAGATGTTGAAA
AAGAAGTGAAACGATTGCTGAGTACAGATGCTGAAGCTGTTAGTACTCGGTGGGAAATAATTGCCGAAGA
TGAAACAAAGGAGGCAGAAAATCAAGGCCTGGATATCTCTTCTCCAGGAATGCTGGTCACAGGCAGGGC
CATGACTCATTAGAACATGATGAGCTTCGGGAGATATTCAATGACCTCAGCAGCAGCAGTGAGGATGAAG
ATGAGACCCAGCATCAAGATGAAGAAGATATAAACATCATTGACACGGAGGAAGATCTGGAGAGACAGCT
ACAGGACAAGCTAAATGAATCAGATGAACAGCACCAGGAAAAATGAAGGAACCAATCAGCTGGTTATGGGA
ATTCAGAAGCAGATTGACAACATGAAAGGCAAGCTCCAAGAGACCCAGGACAGGGCAAAACGACAAGAGG
ATCTCATCATGAAAGTGGAAAATCTGGCTCTCAAGAACAGATTTCAAGGCTGTACTGGATGAGCTCAAACA
AAAGGAAGACCGAGAAAAGGAGCAACTCAGCTCTTTGCAAGAGGAGCTAGAATCACTCCTAGAGAAGTAA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_005642 unedited GTAATACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGCCTCGTGCCGAATTCGG CACGAGGGCGACCCGGACGGAGGGCCGGCGAGGTGCGGGGTCTGGTGATGCGAGCTGCGC CTCTCGGCAAGATTTTCGCGCTGCCCATCCCGGGCCCTTTCATCAGTAATCGGTAGTGGAT CACTCTGCCAAGCGGCAGGAAGAATTAAGGAAACGACAAGGAGACGCTCGGCTCTCTCCC GCTTGGCTCCTTTCGGCCTCCTCTTCCCTTCGCTCCGGCCCGGTGAAACTGAACTATAA TCGTCACTGGATTGTAAGTACCCGAGGCGAAGAGAGCTCGCTGAGCCCTGATTTTTTGGAG TGTCTTTGTTCCGGGAGAGTTTGTGAGTTGAAAGTATCTCTGCTGGGCTTCTGGGCCGA AAACCGTTCCGGGGGAGCCGCCATTTGCTTTCCTGTTCCCTAGCTAGCTAGCTAGCTCTC TCCGCGTGTCCGGCAGCGGCACCTAGAGGTTGGGACTTGGCATTGCATCTGATTTAATG AACTTAAGTCTGTGAATAAGCCTTTGTGTTAACGACTGGTATTCGGTCACAGCATATTTA GAGAAAAGACTTGGAGCTTAAATAAAAACTAAGGCANAATAGACGCTTAGCTGCTGATCT ACAGAGAAACTTCTGTATTAAGATTTTCATTCATAGCANACTGGGTGTTTAACTATNG CAGTAGCTGGAACCTTNTAGTGAACCCAGCATTTATGGNGAGAAAGTGATCACANGGNA AATAAGATGAGTNAAGCAAAGATGATGCCTCCTNACGAACTGGAGAAGCCAGTTATCTT ACGTCTGCCTCCANAATTGCCTTACTGTGAGAAAGGCATACAGTCTGGTCATGTCAACC TCAGGACGACTGAN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_005642 unedited TGGACCGCGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTGAAAAACAGAGCT TTTATTTATTGTATTGAAAACAACCTAATAATTTGCATCTCTACATATAGAAAGCTGCTT TGAATAACTGGGAAAACAACCTATTGCATAGGAAAACATATGCAAACCTAGCATCATTGTCT CTAGACTAGGTTCTTCTTATTGATCTCAGTCATCACAAAGCAGCAACAGCAGCTTCTAG AAAATGGAGAAACAGTAAAGTCCTGCAATGAAGCTATAATTAAGTTGAACCATACATTC CGTAATCCTGCAACTTTCCTACAATCATTTTTCTGCCTATACAATCCTGCTTCTTATAG GATGAACACCTAGCAAAACAATATAAATTTGCTGAAAAACAAATTACAAACAAATGAAA GAACCTAACAGAACACACAGCATTAAAAGGACTAGGAAGAGCAAGGTCTTAATACCCAGT ACAATAAGCCAAGAATTTCTAATGCTGACCAGTCTGAAGACTGAAATTAATATCAGT TCTTTTTACTTCTCTAGGAGTGATTCTAGCTCCTCTTGCAAAGAGCTGAGTTGCTCCTTT TCTCGGTCTTCTTTTGTGTTGAGCTCATCCAGTACAGCCTGAAATCTGTTCTTGAGAGCC AGATTTCCACTTTCATGATGAGATCCTCTTGTGCTTTTTGCCCTGCTCTGGGTCTCTTGG AGCTTGCCTTTTCATGTTGCAATCTGCTTCTGAATTCACATACCAGCTGATGGTTCTTTC ATTTCTGGNGCTGNTCATCTGATTCATTTAGCTTGCCTGTAGCTGTCTCTCCAGATCTT CCTNCGTGTATGGAATGTTATATCTCTCAATCTGATGCTGGNCTCANTTCATCCTACTG CTGTGCTNGAGTCATTGATATCT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_005642
Insert Size:	2500 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).
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:	<ol style="list-style-type: none">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_005642.2 , NP_005633.2
RefSeq Size:	2310 bp
RefSeq ORF:	1050 bp
Locus ID:	6879
UniProt ID:	Q15545
Cytogenetics:	5q31.3
Domains:	TAFII55_N
Protein Families:	Transcription Factors
Protein Pathways:	Basal transcription factors
Gene Summary:	<p>The intronless gene for this transcription coactivator is located between the protocadherin beta and gamma gene clusters on chromosome 5. The protein encoded by this gene is a component of the TFIID protein complex, a complex which binds to the TATA box in class II promoters and recruits RNA polymerase II and other factors. This particular subunit interacts with the largest TFIID subunit, as well as multiple transcription activators. The protein is required for transcription by promoters targeted by RNA polymerase II. [provided by RefSeq, Jul 2008]</p>