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Product datasheet for SC314369

TAF6 (NM_139123) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF6 (NM_139123) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF6
Synonyms:	DKFZp781E21155; MGC:8964; TAF(II)80; TAF2E; TAFII70; TAFII80; TAFII85
Vector:	pCMV6 series

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_139123, the custom clone sequence may differ by one or more nucleotides

ATGGCTGAGGAGAAGAAGCTGAAGCTTAGCAACACTGTGCTGCCCTCGGAGTCCATGAAG
GTGGTGGCTGAATCCATGGGCATCGCCCAGATTCAGGAGGAGACCTGCCAGCTGCTAACG
GATGAGGATGCCTTGAAGTTCATGCACATGGGGAAGCGGCAGAAGCTCACCACCAGTGAC
ATTGACTACGCCTTGAAGCTAAAGAATGTCGAGCCACTCTATGGCTTCCACGCCCAGGAG
TTCATTCCTTTCCGCTTCGCCTCTGGTGGGGGCCGGGAGCTTTACTTCTATGAGGAGAAG
GAGGTTGATCTGAGCGACATCATCAATACCCCTCTGCCCCGGGTGCCCCTGGACGTCTGC
CTCAAAGCTCATTGGCTGAGCATCGAGGGCTGCCAGCCAGCTATCCCCGAGAACCCGCCC
CCAGCTCCCAAAGAGCAACAGAAGGCTGAAGCCACAGAACCCCTGAAGTCAGCCAAGCCA
GGCCAGGAGGAAGACGGACCCCTGAAGGGCAAAGGTCAAGGGGCCACCACAGCCGACGGC
AAAGGGAAAGAGAAGAAGGCGCCGCCCTTGCTGGAGGGGGCCCCCTTGCGACTGAAGCCC
CGGAGCATCCACGAGTTGTCTGTGGAGCAGCAGCTCTACTACAAGGAGATCACCGAGGCC
TGCGTGGGCTCCTGCGAGGCCAAGAGGGCGGAAGCCCTGCAAAGCATTGCCACGGACCCT
GGACTGTATCAGATGCTGCCACGGTTCAGTACCTTTATCTCGGAGGGGGTCCGTGTGAAC
GTGGTTCAGAACAACCTGGCCCTACTCATCTACCTGATGCGTATGGTGAAAGCGCTGATG
GACAACCCCACGCTCTATCTAGAAAAATACGTCCATGAGCTGATTCCAGCTGTGATGACC
TGCATCGTGAGCAGACAGTTGTGCCTGCGACCAGATGTGGACAATCACTGGGCACTCCGA
GACTTTGCTGCCCGCCTGGTGGCCCAGATCTGCAAGCATTTTAGCACAACCACTAACAAC
ATCCAGTCCCGGATCACCAAGACCTTCACCAAGAGCTGGGTGGACGAGAAGACGCCCTGG
ACGACTCGTTATGGCTCCATCGCAGGCTTGGCTGAGCTGGGACACGATGTTATCAAGACT
CTGATTCTGCCCCGGCTGCAGCAGGAAGGGGAGCGGATCCGCAGTGTGCTGGACGGCCCT
GTGCTGAGCAACATTGACCGGATTGGAGCAGACCATGTGCAGAGCCTCCTGCTGAAACAC
TGTGCTCCTGTTCTGGCAAAGCTGCGCCCACCGCCTGACAATCAGGACGCCTATCGGGCA
GAATTCGGGTCCCTTGGGCCCCTCCTCTGCTCCCAGGTGGTCAAGGCTCGGGCCCAGGCT
GCTCTGCAGGCTCAGCAGGTCAACAGGACCACTCTGACCATCACGCAGCCCCGGCCCACG
CTGACCCTCTCGCAGGCCCCACAGCCTGGCCCTCGCACCCCTGGCTTGCTGAAGGTTCCT
GGCTCCATCGCACTTCCTGTCCAGACACTGGTGTCTGCACGAGCGGCTGCCCCACCACAG
CCTTCCCCTCCTCCAACCAAGTTTATTGTAATGTCATCGTCCTCCAGCGCCCCATCCACC
CAGCAGGTCCTGTCCCTCAGCACCTCGGCCCCCGGCTCAGGTTCCACCACCACTTCGCCC
GTCACCACCACCGTCCCCAGCGTGCAGCCCATCGTCAAGTTGGTCTCCACCGCCACCACC
GCACCCCCCAGCACTGCTCCCTCTGGTCCTGGGAGTGTCCAGAAGTACATCGTGGTCTCA
CTTCCCCCAACAGGGGAGGGCAAAGGAGGCCCCACCTCCCATCCTTCTCCAGTTCCTCCC
CCGGCATCGTCCCCGTCCCCACTCAGCGGCAGTGCCCTTTGTGGGGGGAAGCAGGAGGCT
GGGGACAGTCCCCCTCCAGCTCCAGGGACTCCAAAAGCCAATGGCTCCCAGCCCAACTCC
GGCTCCCCTCAGCCTGCTCCG

Restriction Sites: Please inquire

ACCN: NM_139123

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: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	NM_139123.1, NP_620835.1
RefSeq Size:	2707 bp
RefSeq ORF:	2004 bp
Locus ID:	6878
Cytogenetics:	7q22.1
Domains:	TAF
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 one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010] Transcript Variant: This variant (4) encodes the isoform that participates in apoptosis signalling. Variant 4 is missing a region of nts found in the 5' UTR of variant 1. Isoform delta is missing 10 aa near the N-terminal end of the protein, compared to isoform alpha.