

Product datasheet for **SC330091**

TAF1C (NM_001243160) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TAF1C (NM_001243160) Human Untagged Clone
Tag: Tag Free
Symbol: TAF1C
Synonyms: MGC:39976; SL1; TAFI95; TAFI110
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330091 representing NM_001243160.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

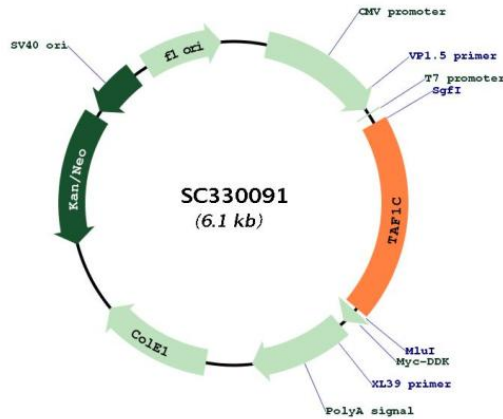
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GCGTCGGTGCCTCCGCTGGCAGGCCCCCCCAGTCTCTTCTCCAGGATCGACTCCCTCCCTGCATTT
CCTCTGCTGGAGCCTAAGATCCAGTGGCGGCTGCAGGAGCGCCTGAAAGCACCGACCATAGGTCTGGCT
GCCGTCGTCCCCTTGCCTCAGCGCCACACCAGGCCTGGTCTCTCCAGCTCTCGCGGGCGGGA
GATGTCTTCTACCAGCAGCTCCGCCCCAGGTGGACTCCAGCCTCCGAGAGATGCTGGGCTCCTGGC
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TGGCTGAAGGCCCTGCTAAAAGTCCCCCTGGCTCCTCCTGTGTGGACAGCACCCACCTTACCCACCGC
CAGATGCTGGGCAGCACAGAGCTGCGGAGGGAGGAAGAGGAAGGGCAGCGGCTGGGTGTGCTCCGCAAG
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AGCCCTGAGTGGCCACCTGCTGATGCTCTGCCCTGCCCCACGACCCCGCCCTCCAGGAGTTGACT
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CCACCCAGAGGGACACCCAGGCTGTGCCACCACCTCCCACTCCAGGCCTCCAGCGTCCGGGCC
ACTCGCTCCAGCAGCACACCCGTCCTCTAGCTCTCAGCCCTCCGGAAGAAGCCTCGAATGGGC
TTCTGA
  
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001243160

Insert Size: 1179 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:

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_001243160.1](#)

RefSeq Size: 3696 bp

RefSeq ORF: 1179 bp

Locus ID:	9013
Cytogenetics:	16q24.1
Protein Families:	Transcription Factors
MW:	42.6 kDa
Gene Summary:	<p>Initiation of transcription by RNA polymerase I requires the formation of a complex composed of the TATA-binding protein (TBP) and three TBP-associated factors (TAFs) specific for RNA polymerase I. This complex, known as SL1, binds to the core promoter of ribosomal RNA genes to position the polymerase properly and acts as a channel for regulatory signals. This gene encodes the largest SL1-specific TAF. Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2011]</p> <p>Transcript Variant: This variant (7) differs in several regions and has a downstream AUG start codon, compared to variant 1. The resulting isoform (6) is much shorter at the N-terminus and lacks an internal amino acid 'G', compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>