

Product datasheet for **SC322432**

TAF1 48 (TAF1A) (NM_139352) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF1 48 (TAF1A) (NM_139352) Human Untagged Clone
Tag:	Tag Free
Symbol:	TAF1 48
Synonyms:	MGC:17061; RAFI48; SL1; TAFI48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322432
 GCCAACAAATACGCCTGCTGCCGCAGGAGGATACGAGCCCGGCCGCGCTGCCTAAAT
 ACCTAAACCAGGTTTAGCGCCTGCTCATATAAAGCTCTCCTAACTCGTCTTCCGGTGGGA
 ATTTCTTCACGTGGGCCGAGTCCGAGACTGAGTTTAGCTTTACTGAGGAGCTCTAAATT
 TAGGCGGGTATGAGTGATTTTCAGTGAAGAATTAAGGGCCTGTGACAGATGATGAAGAA
 GTGGAAACATCTGTGCTCAGTGGTGCAGGAATGCATTTTCCTTGGCTTCAAACATACGTA
 GAAACTGTGGCCATTGGAGGGAAAAGGAGGAAGATTTTGCTCAGACAACAAGTGTGTGT
 TTAAGTTTATCCAAGAAGCTCTGCTGAAGCACCAATGGCAGCAAGCTGCAGAATACATG
 TACAGTTATTTTACAGACCTTGGAAAGATTAGATAGCTACAAAAGGCAGGCTGCACCTGAG
 ATTATTTGGAAGCTCGGAAGTGAATTCTATTTTATCATCCAAAAGCAACATGGAGAGT
 TTCAATACTTTTCTAACCGGATGAAAAATATTGGCGTCATGAATTATTTAAAGATCTCC
 TTACAACATGCATTATACCTTCTGCATCATGGAATGCTTAAAGATGCTAAGAGAAATCTG
 AGTGAGGCAGAGACATGGAGACATGGTGAATAACGTCTTCCCGGAAATATTAATCAAC
 CTTATTCAGGCCATAAAGGGCTTTTACAGTATTATACCTGGTCTGAAAAGAAGATGGAA
 TTGTCAAAGCTTGATAAGGATGATTATGCTTACAATGCAGTAGCCAGGATGTGTCAAC
 CACAGCTGGAAGACATCTGCAAATATTTCTGCATTGATTAATAATTCCTGGAGTTGGGAC
 CCTTTTGTGAAGAGTTATGTAGAAATGCTGGAATTCTATGGGGATCGAGATGGAGCCAA
 GAGGTAATCACCATTATGCATATGATGAAAAGTTCCATCAAATCCAAATGCCCATATC
 TACTTATAACAACCTTTCTAAAGAGACAGAAGGCACCAAGATCAAATTTGATAAGTGTGCTT
 AAGATTTTGTATCAGATTGTACCATCTCATAAATTGATGTTGGAATTCATACATTACTT
 AGAAAAATCAGAAAAAGAAGAACACCGTAAACTGGGGTTGGAGGTATTATTTGGAGTCTTA
 GATTTTCCCGGATGCACTAAGAATATACTGCTTGGAAACTTTGGCAAAATATCTGAAA
 AATATCTTAATGGGAAACCACCTTGCCTGGGTTCAAGAAGAGTGGAACTCCAGGAAAAAC
 TGGTGGCCAGGGTTTCATTTTACAGCTACTTTTGGGCAAAAAGTGATTGGAAGGAAGATACA
 GCTTTGGCCTGTGAGAAAGCTTTTGTGGCTGGTTACTGTTAGGAAAAGTTGTAGATAT
 TTCCGGTATATTTTAAAGCAAGATCACCAAATCTTAGGGAAGAAAATTAAGCGGATGAAG
 AGATCTGTGAAAAATACAGTATTGTAATCCAAGACTCTGATACTGAATTTTAGTTATT
 TCACAGTTGTAGCTACACAGTAAGTAGCTTGGTAGATAGTTATTGAATGATTTTATGTAG
 TGTATTAAGAAGCTTATTTACTACAAAAACTTATTTTATATATTTTATATTTTGT
 ATTATTTATAGCTAGAGAAACAATATTACTGCCTTTGCTCTTTGTAAGTATGTCTGTTTT
 CTTTTTGTAAATGTTAAATGTTACATTTGTTAAGGAATAATTCTCAAATGACAACTAA
 TTACAGAAATATAGCTCTACAGCAGTTATTGTTTCAAATACTTTGCTCTTGCTATTGTG
 TAATAAAGTAACTTGTAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_139352

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_139352.1](#), [NP_647603.1](#)

RefSeq Size: 1723 bp

RefSeq ORF: 1011 bp

Locus ID: 9015

UniProt ID: [Q15573](#)

Cytogenetics: 1q41

Protein Families: Transcription Factors

Gene Summary: This gene encodes a subunit of the RNA polymerase I complex, Selectivity Factor I (SLI). The encoded protein is a TATA box-binding protein-associated factor that plays a role in the assembly of the RNA polymerase I preinitiation complex. Alternate splicing results in multiple transcript variants encoding multiple isoforms.[provided by RefSeq, Jan 2011]
Transcript Variant: This variant (2) differs in the 3' UTR and lacks an in-frame exon in the 5' coding region, compared to variant 1. These differences causes translation initiation at a downstream AUG and result in isoform (2) which has a shorter N-terminus, 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.