

Product datasheet for **SC217282**

TAF1 (NM_138923) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TAF1 (NM_138923) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	TAF1
Synonyms:	BA2R; CCG1; CCGS; DYT3; DYT3/TAF1; KAT4; MRXS33; N-TAF1; NSCL2; OF; P250; TAF(II)250; TAF2A; TAFII-250; TAFII250; XDP
ACCN:	NM_138923
Insert Size:	1989 bp



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Insert Sequence: >SC217282 3'UTR clone of NM_138923
 The sequence shown below is from the reference sequence of NM_138923. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGGACAGTGACTTGGACTCTGATGAAAGGCTTCCTTTGGGCCTCCTTGGTCAGCCTTCCTGTCTCT
CCAGCCTAGTGTTTACCTTTCCCAATTTGTTTCATATTTGTACAGTATCTGATCCTGAAATCATGAA
ATTAACAAACACCTTAGCCTTTTTAAAAGTAGTAAGTAAATGATAATAAATCACCTCTCCTAATCTTCC
TGGGGCAATGTCACCCTTTGATTTAAAACAAAGCAACCCCTTTCCCTACCACTACGAAAAAGAGCAA
GCTCATTTTTCCGTGCTCCTTTATTTAACTCCATTTATTGCTTTTGGTATAATTTTTCCCTGGGGAA
GGAGGGGAAATTATGAAAGAAGTAACTTTATGTCCTCTTGATGATTAGGAAATTTCCGCCAGGC
GTGGTGGCTCACACCTGTAATCTCAGCACTCTGGGAGGCCGAGGGGGCAGATCACCTGAGGTCAGAAG
TTCGAGACCAGCTTGGCCAACATGGCGAAACCGCATCTCTACTAAAAATACAAAAATTAGCCAGGTGTG
GTGGCGTATGCCTGTTAATCCTAGCTACTCGGGAGGCTGAGGCAGGAGAATTACTTGAACCCGGGAGGC
AGAGGTTGCAGTGAGTGGAGGTCACGCCACTGCACTCCAGCCTGGGCGAAAGAGTGAGATTCACTCTCA
AAAAAAAAAAAAATTTCCAAGCATGGTATCATCTCACTTTTCTAATTTACAGGCTGGAGCAGATGAGAGC
CCTCTGCTGGGACAGAGAATTGGGTTCTAGTGGACTCTGTGCTACACTTAAACCTGTGAGACAAACCG
CCCATTATTTTATTTAATTTGCAATGCCTAGTTCCTAAATGGATTGGAGGCAAAATACCGTAAAT
TTTGAAACAGCCTATATGTCAGAAATGATAATGTTGCCACCTAAATGTTTTCTGTCCCCCACCCTCC
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CAAATCCCTTTTACCAAAGAGCTCACCATCAAGTTGGGGAGGGAAAGTGAATTCAAACATGTTAA
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TGGCAGAGTGTGTTTCTAGTTTGTGTTTGTGTTTGTGTTTGTACCTGCCTTGTCCAGGAAGGATTTAATG
TGGTTTATATTCCAGTCTTTAATGCTGGAAGGGCTGAGATGAGACTGAAAGATGGCAGGAAGTATAT
CATCACAAGCTTTGTGTTTGTGTTAATGTGTATGATTTTTATATTATGGGAAATAGCTCTTAGAGGA
GTGATATAATCAGTTTTGTGTTTTAGAAATCTGTGTAATGAATGAATGAAGAAAGAAATTGAAGAATCA
TGTAACATATGTGATCGCATTTTTGTAAGAACCATGTGTGTTTATATGTGTTTATATATACTTGT
GTATGCAAAGGTAAGTCTGAAAGGATATATGCTAACTGTTTCAATGATAACCCCGAGGAATGGGA
TTGGAGGGGAGGGGCTTCTGTGTTTGTATGTATGCTGGGTGGGATATTGTGCTTTTATTTCTATATT
GTTTGAATTTTTTACAGTATGTATTATTTTTGTAATAAAAAATTTAAAAAATTTCA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_138923.4](#)

Summary:

Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is the basal transcription factor 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 the largest subunit of TFIID. This subunit binds to core promoter sequences encompassing the transcription start site. It also binds to activators and other transcriptional regulators, and these interactions affect the rate of transcription initiation. This subunit contains two independent protein kinase domains at the N- and C-terminals, but also possesses acetyltransferase activity and can act as a ubiquitin-activating/conjugating enzyme. Mutations in this gene result in Dystonia 3, torsion, X-linked, a dystonia-parkinsonism disorder. Alternative splicing of this gene results in multiple transcript variants. This gene is part of a complex transcription unit (TAF1/DYT3), wherein some transcript variants share exons with TAF1 as well as additional downstream DYT3 exons. [provided by RefSeq, Oct 2013]

Locus ID:

6872

MW:

75