

Product datasheet for **MC219283**

Taf1b (NM_020614) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf1b (NM_020614) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Taf1b
Synonyms:	4930408G01Rik; A230108M10Rik; p63; TAFI68; Tafi86
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219283 representing NM_020614
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGATGTGGAGGAGGTGAAAGCGTTCCAGAGACCCTGTTCTCAGTGTGCTGCTGTCTCCTGGGCCTTA
 CCGATGAAGGCAAAATTTACTGTACTTCTGCCACAATGTCACAGATCGATCTGAGGAAGTGGTGAGCGC
 TGAGATATCCCCAACACCAAGATCAACTCCATCAACAGGGGGCTGAGACAGAGAAGCAAGCATGAGAAA
 GGCTGGGATTGGTATGTGTGTGAAGTTTCCAGTGCATACTTTATCACCAAGCAAAAGCCCTGGAGACCC
 TCGGAGTAAGCCAGAACTAAAGAATGAAGTCTTACACAATTTTTGGAAGCGCTACCTTCAGAAGAGCAA
 ACAGGCCATTGTAAAAACCCAGTTCGTACAAGTGAAGGAAAGCAAGGTATTAGAAGACAGTGTGCAG
 TCCTCGGACTTGGGCAGTGTCTTGAGCTGCTAAGTGATACCACATGCCCCCTTGAAAGTGAAGCAGAGT
 TCCAATCTGACCCTCAGATTCCAAAGCCTTCCCTGTCCACAAAGGATCCCCAAAGTCAAGCTGTCTGT
 CTCTGGCTCTGTTGATGGAGTGGAGTACTCCGAGCGGAAGGAGAAGGGGCTTGTGAAGATGACGGTGCC
 AGGACACTTGCTCTCTGCT
 GGTTTGTGAAGAGGATCATATCCGTACATAAATGCTTTTAAGCTTTTTCCAGAAGAGATGAAAGTGTA
 TGGTCGTGACAAAGGCATCTTTGCTATAGAGTCTTGGCCTGACTATGAAGACATCTATAAAAAATGATT
 GAACCTGGCCATATTTTTAGATTTGCCTCGTTTCCAGACATAACGGAAGACTGCTACCTCCATCCCAACA
 CCTTGTGTATGAAATACTTACTGGAGGTCAATCTCCCTGATGAAATGCACACTTTAACCTGTCAAGTAGT
 AAAGTTGACTGGAATTGGGAAGTGGATTTTCTGACGTTTGTATCTATAGCTAAAACGAAAAGGACAGTT
 AAATATGATGTGCAGGCTATGGCTGTCTTGTGGTTGTGTTGAAGCTGCTGTTTTGCTGGATGACAAGC
 TGGAAATGGTCTTACTCAGATCTTGTGAAGCGTACAACGAACACAGAGAAGACAGCCCCAGTTTGA
 TTTCAGAAAATGGTACCAAGTTATGAAGAAAACCTTTTGTGAGAAAAGACGAAAATGGGAAGAAGCGAGG
 GCCAGGTATGCTTGGAAAACCAAAGGCCACTCTACCGTTCACACATCGATAAGTCCGTCGCATATAAGA
 GAAGAAAATGGTGGAGAATCTTCAAAAACAATTTAGTGCCTGGTTGGTTCATCACCCGTGGTTGAAAA
 GCAGGCCCTTCAAGTTTTCAGTTCAACTGGACTGAAGAAGGCACTGATAGCCCTTGTTCATGGACAC
 AGCCTCCAGGACTCCTGATAATGAAAGGCCAGTCCATGATAACCAAGAAGTCCCTGTATTGGCTCAGTA
 CCCAGAAGTTCTGAAAAGCTATTGTAACATGTGACAACCTACGAAGAATCAAATTTTTCTTTGAGTTA
 CCAGTTTATACTAAACATCTTCTCTTCTTACTGAGAATAAAGACCTCTGCTCTCCATGAAGAAGTGA
 TACTTGAAGAAGAACTTTTTGAAAAAAAATACAACGAATCAAAAAGAGCTCAGGATCCAAGAAAGGAA
 GAAGACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_020614
- Insert Size:** 1761 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_020614.2 , NP_065639.2
RefSeq Size:	2019 bp
RefSeq ORF:	1761 bp
Locus ID:	21340
UniProt ID:	P97358
Cytogenetics:	12 A1.3
Gene Summary:	<p>Component of RNA polymerase I core factor complex that acts as a GTF2B/TFIIB-like factor and plays a key role in multiple steps during transcription initiation such as pre-initiation complex (PIC) assembly and postpolymerase recruitment events in polymerase I (Pol I) transcription. Binds rDNA promoters and plays a role in Pol I recruitment as a component of the SL1/TIF-IB complex and, possibly, directly through its interaction with RRN3.</p> <p>[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein.</p>