

Product datasheet for **MC202724**

Taf9b (NM_001001176) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf9b (NM_001001176) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Taf9b
Synonyms:	BC066223; Taf9l
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC066223 sequence for NM_001001176
 GAAAATGGAGCCGGCCAAGATGGCGCCTATCAAGAACGCTCCGAGAGATGCCTTGGTGATGGCACAGATC
 CTGAAGGATATGGGAACCAAGAGTATGAGCCAAGGGTTATAAATCAAATGTTGGAATTTGCTTTCCGAT
 ATGTGACTACAATTCTGGACGATGCAAAGATTTATTCGAGTCATGCTAAGAAACCCACTGTTGATGCCGA
 TGACGTGAGACTGGCCATCCAGTGTCCGGCTGACCAGTCTTTACCTCTCCTCCCCAAGAGATTTTTTA
 CTAGATATTGCAAGGCAGAAGAATCAAACCCCTTTGCCGCTGATTAAGCCATATGCAGGACCCAGACTGC
 CACCTGATAGATACTGCTTAACAGCTCCAACTATAGGCTGAAGTCCTTAGTTAAAAAGGGACCTAACCA
 AGGAAGACTAGTGCCTAGATTAAGTGCGGTCAGTAGACCAACTACTCCTCTGTAGCACCCCAACA
 GCAGTATCTGGCCAAATAAGGCTGCAACTCCGGTGTGAGTGACAAGCCAAAGATTTGCTGTGCAGATTC
 CACCTTCTCAGTCCACACCTGCCAAGCCAGCTCCTGCAGCAACTGCAGTCCAAAAATGTTCTGATTAATCC
 TTCAATGATTGGGCCAAAAATATTCTCATTACCACCAGCATGGTTTCTCACAGAACACAGCCACCGAC
 TCAAACCCACTGAAGAGGAAGCATGATGACGACGATGACAATGACACCATGTAAGGAATAAAGTCTGTTT
 TGCATACATTAACATTTTTGTGTGTTTGGGCCATATGGCGGACTCAATAGCCTAAGTCTTCATAAGTTT
 TATCTTAGAAACGTAGTAGTAATTTTTTACATTAGTTACATCTGGAAGTTTTTGTACAGTACAAGTA
 CTTGCTTCTAGACAGCTTCAATTAATGTTGAGTCTCACCATGGCAACTCTGTTTTTGAAGCAGTTTTCCG
 ATATGTGTCACTAGCAGCAGCGCTTGGACTTCAGCTCCTGGTCTCATTTACATTTAACAGGACTTCTTT
 TGATAGTGAACATTTACATTGTCACTTTTTGACCAAACTCTCAATTTAGGAACCAAAATCTCTCAATTT
 AGGAAACTTTTTTTTTTTGAAGAGTGGATTTAGAAGTGTGCTAAATCCATTTTGAATGATTTGGGTTT
 TGGTCTTTTCTGATTTCTATCTAGATCTGTTTGTCTTCTGTTCCACCTCTCATCGCCTTAAGTCATT
 TGCCATTGCATTAATGTAATAGACTGTGACTGGAATGTGTAATATGCCTAGATGCCTGGCACTCTGC
 AGTTCTGTGAACCGGAGTGTCTGCTTTGCTCTTCTTCACTCCTAACAGAGCATTGGGCTCAGCACT
 TGCCTTTCATGCCTGCTAAGCACTTCTCATTGATAGGCACTTTTGCATCAATTGCATTACAATCTTTCA
 TGTTTTAAAATTTAAAATAAATTAACCTAAAACCTGCCTTGGAAAGTAATTTACACTGGACTCAGACAAAACA
 CTAAGAAGACTTTTGTGTTTTTCTTAACCACCTGCATATATATATGCTTTGGTCACTACGGCTTGAACCA
 TCCGTTGGTTTCTTACAGACCACCTTTCTAGCTTGTGCTGAGGGTGTACACATAAGATGGGATCAAGC
 CTGAAGGAAGATTCTGATTCTCTTTCCCTATCAGGCCAACAGGAAAAGTCACTGACTCCATTTAGGTA
 CCCCAAAATTTCCAACCATGTTTCTATACACCTTCTTACTCTGTTAATACATACGTACAAGACTCAC
 TGGGAACAACAGCAAAGCTTTTTTCCAAGTATAAAAAGAAGTATTTGATTTGGTTTAAAGTCCACATAG
 CCAACATTGGAAAACTTCTGAAACCTTCAAGCACTTAAAATTTATAGCCATGGATCATAAAACCTTA
 CTAAGTATCAGCATAGGGTGGTGTGACACATGAAATAGATCAGTAACAAGACAGAGATATTTTCATGCC
 AGTTTTAATTGTCTAGGACGGTGTAGTGAAGCTGATCTGATCAATACCATAAGAGAAATGTGCGATAC
 AACACAGATGTCAGGACTAGAATGTTCTCAGGGAGGCAGAATACAAGAAAGCCTAGGTTCTGGTATTAGT
 TTCATTTACCAACAATGTGACCTTACTTTACCTCGGAGCCTGTTTCTCACTAGTAATAGGAAAATAACAT
 CTACCCTGCCTACCTCACAGGGATGTTGTGAGGGTTTAGCTGGTGTGTGAAAGTTCCAAGATTGTAAA
 AGCTATATAATTATTAATATATTTGTTTCAACATTGTTAATAAAAATTTAACTTTAATCATAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001001176

Insert Size: 750 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: [BC066223](#), [AAH66223](#)

RefSeq Size: 2393 bp

RefSeq ORF: 750 bp

Locus ID: 407786

UniProt ID: [Q6NZA9](#)

Cytogenetics: X D

Gene Summary: Essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes. May have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.