

Product datasheet for **MR210893**

Taf1c (NM_021441) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf1c (NM_021441) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Taf1c
Synonyms:	mTAFI95; Tafi95
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR210893 representing NM_021441
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTTCCCTGGCACCTGCGCCCTTATTGTTTAAGGCCGGTCCACTTGGCATGACTGATGGCCCTG
 ACCTGTCTTCATGTGCAGCTGGAGAGATGCACTGACCCTGCCAGGGTCCAGCCACAGAACTGCAAGGA
 TCCGACCTTGTCTTTGCCAAGAACCTACTGTGGGAGCCATCGACGCCAGGACCCCTCCCCCTCCTGATG
 CCTCCTGATCCTGATCCCTGGGACCCTGGTGTGACAGCTCAGGACTTCCTTTCCGGGGAGGTCACTGCT
 ACCAGTACCAGTCTCAGGCTGTGCTGGATGTCAGTGGAGCTCAGCCGCTTCCTGTGGGACCATGGGGA
 CATAGCCTTCGCACCCCTGGGGAGACTCATGCTGGAGAATTCAGATTGGAGGGGAACCGGGGCTACTCG
 AAAAAGATGACTATAGTCAGCGCAAGAAGCTGCTTCAGGACCTCGCGGACACCAACCTGGGGGTGTC
 CCTGGGCTTCCCTCAGCCGCCGGCTGCGTCGCTTCTCCATCGTTGGGGTCTGTCTGAGCAGGTCACT
 GTCAGTACTCATGGGAAGCTACTGCATGAAGAGCTGGCCATGCGCTGGGAGCAGCTGCTGATGGATGAG
 GCCTTACCGGGGGCGCTTGGCCTGGCTGCCCGAAGGACAGCGCGGGCCGGACAGCTGGTCTACCCCTA
 GTGGAGGTGCCTTGGACAAGCTGTATTTCCAGGAGGTCACTGTGACTTACAGTGGCAACCCCGGATCCT
 TGAGAACCCTGGGCACGTCCAGCTGCGGGGACCTGTACGGCAGGTGGTGACCAGCACCGTCCAGGGAGAA
 ACGCTTCTGGCCGTCCGCTCTGACTATCACTGTGCCACGTGGAAGATTGATAAGCAGGGGCCACAGCAC
 TCCTGCAGGTGATGCAGGTGGAGAAAGGGGCCACTGGTATTAGCCTCAGCCCTCACCTGTGAGGAGCT
 GGCCATCTGCAGCCGTTCCGGAGCTGTTGTCTGTGGACCCACAAGCTGGGCTGCAGACGATCTACAAG
 GACACCGAGACGCTTGCCTTCCGTGATCCGCTCCCTGGCGCTGGGACAGCTTCACTGCCACCCCGGG
 TGCTGACTGTGGGGACCGCAGGGTGTGAAAATGGTTGACATTACAGGGCCACCGGGCTGTGGGTTGCT
 GCTGTTCCGCGCTGGAGCAGAGGCTGCCTGCCAGAAAGGAGAGCGGGTGTGCTTGGCCAGTACCTAGGG
 CAGCCAGGTGACACCCCTCCATCTCTGCATCTCATCTGCACCCAGTTCTCGATCTACCTGATGGATGAGC
 GCCTCCCCCTGGTGCCCATGCTTAAAGTGGGACCATGGCTTGCATCTGCTCCCCTGCTTGGCCGCTGCT
 ACCCCAGCTAGCCCTGGCCATCCACGGCCCTGCTACTGGGGGCCAGGGTGGGAGCTGCAGCTGCTT
 CATATAACAGGAGAGGAACTTCCATGCCACAGCTGGCGGGCCCTCCTCAGTCTCTGCCCTCCATCACCG
 AATCCCTCTCTGCCTTCCCTGCTGGAACCTAAGAAGCAGCAGCTGCTGCAGGAACGTCTGGAGGCACC
 AGTCATAGGTCTGGCTGTGTCCCCTCTGTGCCTCTGCCCGGGGCTGTTGCTCTTCCAGCTCTCAGCA
 GCCGGGATGTCTTCTACCAGCACCTACGGCTCCTGCAAGCCTCCAGTCTAGAAAGGTGCCAGAGCAAG
 CAACAGCACCTCAGTGGACAGGTGTCCACGCCCTTGGACCCCTCAGGCCAGTGCCCGTTGCAGCCG
 CTGGTTGGAGGACCTGATGGAGTTGTCCCCACTCGTCCATTGTGGGTCGCCCGACCTTCTCCATCGC
 CGTTTTCTGGGCCACATGGAGCGGCAGAAGAGCCAAGAGACCATGCCACAGAAGCTCCGAGCAGCCATGG
 CCAAGGGCCAGCTCCTGCGGCCTGGGGACCTGAGTACACTCCCCAGGGCAGAGCCACCCCTGCACCTCA
 GTGCAGCCAACAGGATGAGCTCACTGAGCGCTTGACAGAAGCCTGGGAAGGCCGGGTGACTGCCTGGTGG
 AGGAGACATCGAGGTGAGACCTCCGAGACCCAGACCCAGTCCAAGCGGCCTAAGCGGGGACTCAGTTGT
 CTAGCACCTTCTCTCATTACAAGCTACCTGGACTCCCAGATGCCAGCAGTCCCCCTCGTAGCCAAGA
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 TGGGGCCAAGGTGTGAAGCGTGAACGCCGCGCAGACCCCTCCGGGATCACACGGACAAGCTGCCACTTAAGA
 GGGACTCCAGGACCTGTGGCTACACCACCTCCAGGCCTCTAGCCTCCAGACCATGTCTTTCAGGCA
 GCAGACGCTGTCCACTCTGGCTCCAGCCTCCCCAGAAGAAGCCACGAATGGGCTTC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210893 representing NM_021441
Red=Cloning site Green=Tags(s)

MDFPGTLRPSLFKAGPLGMTDGPDL SFMCSWRDAL TLPGSQPQNCKDPTLSFAKNLLWEPSTPGPLPLLM
PPDPDPWDPGVTAQDFLFRGGHCYQYQSQA VLDVTEQLSRFLWDHGDIAFAPLGRMLENFRLEGNGYS
KKMTIVSAKLLQDLGGHPWGCPWASL SRRLRRF SIVGGPVL SRSVSLLMGKLLHEELAMRWEQLLMDE
AFTGGALAWLPGR TARAGQLVYPSGGALDKL YFQEVSVTSGGNPRILENPGHVQLRGPVRQVVTSTVQGE
TLLAVRSDYHCATWKIDKQGPALLQVMQVEKGATGISLSPHLSGELAI CSRS GAVCLWTPQAGLQTIYK
DTETLAFRDPSPWRWADFTAHPRVLT VGDRTGVKMVDIQGPPGCGLLLFRAGAE AACQKGERVLLAQYLG
QPGQTPPSLHLICTQFSIYLM DERLPLV PMLKWDHGLPSAPLLARLLPPASPGHPRPLLLGGQGGQLQLL
HITGEGTSMPQLAGPPQSLPSITESLSAFPLLEPKKQQLLQERLEAPVIGLAAVPLCASAPGLLLFQLSA
AGDVFYQHLRLLQASSPRKVPEQATAPSVDQVSTPSWTPQASARCSRWLEDLMELSPTRPLWVAPTFSHR
RFLGHMERQKSQETMPQKLRAAMAKGQLLRPGDLSTLPRAEPPPAPQCSQQDELTERLTEAWEGRVTAWW
RRHRGETSETQTQSKRPKRRTQLSSTFSSFTSYLDSPDASSAPRSQDLSTSEARLQSPRVPPSQELTQEV
WGQGVKRERRQTLRDHTDKLPLKRDTGPGPVATPPSQASSLQTM SFRQTPVHSGSQPPQKKPRMGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9095_a06.zip

Restriction Sites: Sgfl-Mlul

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_021441.3](#)

RefSeq Size: 3255 bp

RefSeq ORF: 2511 bp

Locus ID: 21341

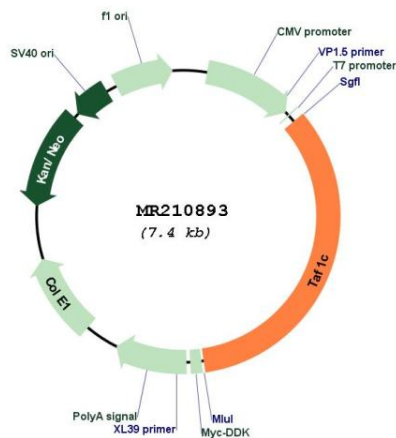
UniProt ID: [Q6PDZ2](#)

Cytogenetics: 8 E1

MW: 92 kDa

Gene Summary: Component of the transcription factor SL1/TIF-IB complex, which is involved in the assembly of the PIC (preinitiation complex) during RNA polymerase I-dependent transcription. The rate of PIC formation probably is primarily dependent on the rate of association of SL1/TIF-IB with the rDNA promoter. SL1/TIF-IB is involved in stabilization of nucleolar transcription factor 1/UBTF on rDNA. Formation of SL1/TIF-IB excludes the association of TBP with TFIID subunits. Recruits RNA polymerase I to the rRNA gene promoter via interaction with RRN3 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR210893