

Product datasheet for **MC203557**

Taf1c (NM_021441) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf1c (NM_021441) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Taf1c
Synonyms:	mTAFI95; Tafi95
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC058383
 GCGGCGTTGAGGTTCCGGCACTCTGGCTCCTTTGCGGCCCGGGGTGAGGATGGACTTCCCTGGCACCCCTG
 CGCCCTTCATTGTTTAAAGCCGGTCCACTTGGCATGACTGATGGCCCTGACCTGTCTTCATGTGCAGCT
 GGAGAGATGCACTGACCTGCCAGGGTCCCAGCCACAGAACTGCAAGGATCCGACCTTGCTTTGCCAA
 GAACCTACTGTGGGAGCCATCGACGCCAGGACCCCTCCCCTCCTGATGCCTCCTGATCCTGATCCCTGG
 GACCCTGGTGTGACAGCTCAGGACTTCCCTTTCCGGGGAGGTCACTGCTACCAGTACCAGTCTCAGGCTG
 TGCTGGATGTCACTGAGCAGCTCAGCCGTTCCCTGTGGGACCATGGGGACATAGCCTTCGACCCCTGGG
 GAGACTCATGCTGGAGAATTGAGATTGGAGGGGAACCGGGGCTACTCGAAAAAGATGACTATAGTCAGC
 GCGAAGAAGCTGCTTCAAGACCTCGGCGGACACCAACCCTGGGGGTGTCCTGGGCTTCCCTCAGCCGCC
 GGCTGCGTTCGCTTCTCCATCGTTGGGGTCTGTCTGAGCAGGTGAGTGTCACTACTCATGGGGAAGCT
 ACTGCATGAAGAGCTGGCCATGCGCTGGGAGCAGCTGCTGATGGATGAGGCCTTACCAGGGGCGCGTTG
 GCCTGGCTGCCCGAAGGACAGCGGGGCGGACAGCTGGTCTACCCTAGTGGAGGTGCCTTGGACAAGC
 TGATTTCCAGGAGGTGAGTGTGACTTCCAGGTGGCAACCCCGGATCCTTGAGAACCCTGGGCACGTCCA
 GCTGCGGGGACCTGTACGGCAGGTGGTACCAGCACCGTCCAGGGAGAAACGCTTCTGGCCGTCCGCTCT
 GACTATCACTGTGCCACGTGGAAGATTGATAAGCAGGGGCCACCAGCACTCCTGCAGGTGATGCAGGTGG
 AGAAAGGGGCCACTGGTATTAGCCTCAGCCCTCAGCTGTGAGGAGAGCTGGCCATCTGCAGCCGTTCCGG
 AGCTGTTTGTCTGTGGACCCACAAAGCTGGGCTGCAGACGATCTACAAGGACACCAGACGCTTGCCTTC
 CGTGATCCGCTCCTCCCTGGCGCTGGGCGAGCTTCACTGCCACCCCGGGTGTGACTGTGGGGGACCCGA
 CGGGTGTGAAAATGGTTGACATTAGGGGCCACCGGGTGTGGGCTGTGCTGTTCCGCGCTGGAGCAGA
 GGCTGCCTGCCAGAAAGGAGAGCGGGTGTGCTTGCCAGTACCTAGGGCAGCCAGGTGACACCCCTCCA
 TCTCTGCATCTCATCTGCACCCAGTTCTCGATCTACCTGATGGATGAGCGCCTCCCCTGGTGCCATGC
 TTAAGTGGGACCATTGGCTTGCATCTGCTCCCCTGCTTGCCCGCTGCTACCCCAAGTACGCCCTGGCCA
 TCCACGGCCCTGCTACTGGGGGCGCAGGTGGGACAGTGCAGCTGCTTATATAACAGGAGGGGAATC
 TCCATGCCACAGCTGGCGGGCCCTCAGTCTCTGCCCTCCATACCGAATCCCTCTCTGCCTTTCCCC
 TGCTGGAACCTAAGAAGCAGCAGCTGCTGCAGGAACGTCTGGAGGACACCAGTATAGGTCTGGTCTGT
 CCCCCTCTGTGCCTCTGCCCCGGGGTGTGTCTTCCAGCTCTCAGCAGCCGGGATGTCTTCTACCAG
 CACCTACGGCTCCTGCAAGCCTCCAGTCTAGAAAGGTGCCAGAGCAAGCAACAGCACCCCTCAGTGGACC
 AGGTGTCCACGCCCTCTGGACCCCTCAGGCCAGTGCCTGTTGCAGCCGCTGGTTGGAGGACCTGATGGA
 GTTGTCCCCCACTCGTCCATTGTGGGTGCCCCGACCTTCTCCCATCGCCGTTTTCTGGGCCACATGGAG
 CGGCAGAAAGCCAAGAGACCATGCCACAGAAGCTCCGAGCAGCCATGGCCAAGGGCCAGCTCCTGCGGC
 CTGGGGACCTGAGTACACTCCCCAGGGCAGAGCCACCCCTGCACCTCAGTGCAGCAACAGGATGAGCT
 CACTGAGCGCTTGACAGAAGCCTGGGAAGCCGGGTGACTGCCTGGTGGAGGAGACATCGAGGTGAGACC
 TCCGAGACCCAGACCCAGTCCAAGCGGCCTAAGCGGCGGACTCAGTTGTCTAGCACCTTCTCCTCATTCA
 CAAGTACCTGGACTCCCCAGATGCCAGCAGTGCCTCGTAGCCAAGACCTCTTACCTCAGAGGCCCCG
 TCTTACGTACCCAGGGTCCACCCTCCAGGAGTTGACACAGGAGGTGTGGGGCAAGGTGTGAAGCGT
 GAACGCCGGCAGACCCCTCCGGGATCACACGGACAAGCTGCCACTTAAGAGGGGACTCCAGGACCTGTGG
 CTACACACCCCTCCCAGGCCTTAGCCTCCAGACCATGTCTTTCAGGCAGCAGACGCCTGTCCACTCTGG
 CTCCCAGCCTCCCAGAAGAAGCCACGAATGGGCTTCTGAGTGGGGAAAGCCATATCTGAGAACCTAGCC
 TTCATCCTGGAGTGTGCACTGAGCTCAGCCACTCCAGGGCAGAGCCTCCTCTGCCTCTGCCATGCCAGAG
 AGCAGTGTGCCCATGGAACGTGAGCAGTGTAGAAGTGGGCAAGTGGGAAACAGTCCACTTCGT
 GTATTTGATGGTAGGATATTCCCAGAGCTGGCTGCAGAGGCTGCATCAGGATGGTAATGCTGAGTCCC
 TGCAGTCCCAAGTCCCCCAGTCTCCTGCCTTCTCCACTGCCATTCTCTGGGCCACATGGAGCTGCAGA
 AAGAGCCAGGAGACCATGCCACAGAAGCTCCGAGCAGCCACGACCAAGGGCCAGCTCCTGTAGTTGGG
 ATCTGGCTACGTCTCCAGGGTAGAGCCACCCCTGCACCTCAGTGCAGCAGGGTGTAGAAAAGTACCT
 TAGCCTCCTGTCTCAAAGATGCCCCAGCTCATGTGCTCCCCGAGGTAGCCAGTGTGGGTGAGCTGTTG
 GAGGTTGATTGTGCCACAGTGTACATTGGTTTCAAGTGGCATTGACGCTTTGACTCTGGGACTGAATAAAC
 CTGTCCACTGGCCATGAGCAGATGGTTATGTGGGCGAGCAGATGTGAAAAAAAAAAAAAAAAAAAAAAAAA A

Restriction Sites: Ascl-NotI
ACCN: NM_021441
Insert Size: 2511 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:	BC058383 , AAH58383
RefSeq Size:	3221 bp
RefSeq ORF:	2511 bp
Locus ID:	21341
UniProt ID:	Q6PDZ2
Cytogenetics:	8 E1
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]