

Product datasheet for **MC222162**

Taf4b (NM_001100449) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf4b (NM_001100449) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Taf4b
Synonyms:	105kDa; 2610524B04Rik; 4932409F03Rik; AW987595; Taf2c2; TAFII-105; TAFII105
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222162 representing NM_001100449
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGCGGCCCTCACGGAGCCGGCCGGCCGGCTGCTCCTGTAGTCTCGAGCGCTCGGGGGCCGTGA
 CCATGGCTCCGGTCGCCCGCTGCCCGTCCGGGTGGAGGGCACCCGGTGGCCCTGGGCCCTGTGACTAA
 GGCTCCTGTCACTGTTTGCCTGGAGTCTGTGGCGCCCGAGCCCTTGCAGCCCCAGTGGGGACTCTAGTG
 ACCAAAGTGGTTCCTGTCACTGCCCTTCTAAACTCGGCAGCCCTAGGCTGCCCGCTCCTCAGATAGTCA
 CCGTGAAAACGCCGGCACCAGACAATCCAACCTACCGGCTAATTTGCAGCTTCTCCAGGAACAGTTTTT
 GATCAAAAGTAACAGTGGTCACTGATGCTGGTATCGCCTCAGCAAGCTGTAACAGGAGCCAAGACCACA
 AGTAACATAACTCAAGACCAGCAGTACCAGCAAACTCAAACAGTAAAGATCTGTACAGTGCCGAATT
 CTAGCTACAATTAATGAAGAAAGTAACAGTGGCGCTGTTAAAAATTTGACACAGATAGGAACTACTGT
 GGCAACCACTGCCTCCAGTACTTCTCAGGACAACCTGTGGCTCTACCAAGCAGTGTATCACAGTTACT
 CCTGCAAAGCTGGTGAATACTGTATCCACCCTGAAGTCATCAAGTTTGGGAGTGTATCTACCCCTCAA
 ATGACGCACGTCTCAAAGCTGAGACTTCAGTAGCTGCTCAGACTGCTCTTCTCCGACAGTGCTAGAAAA
 TGTGAAAAATGTAAAACTTCTTTCAATGTTAATAAACTAGCATGTAGTGGATCACAGTCTCCAGAA
 ATGGGGCAGAAATGTGAAGAGGCTGGTGGAGCAGCTTTGGATGCAGAAATGAAGCAGAAGAGTTTACTA
 GGAAACTGTATATTGAACTCAAGTCTGCACCTCAGCCGCACCTCGTCCCTTTCTTAAGAAGAGTGTGGT
 TGCCCTAAGACAGCTTCTTCAAATCCAGAGCTTATTGAGAACTGTGTGAAGAAAGTTTCTGGTGAT
 GTGGTCATTTCTCCTGTACCATGACAACAGCAACGTCTCCTGTGGTGAAGTACAGTTTCCCGAGTCC
 TTGTGTCTGGAGCAACAGCACCCAGAACTCTGTCTGTTGAGCAGCCCTGAATCCACTTGGTGGTCCAGG
 AGTAGCAAACTGGAGTTGTGACACTGCATTCTGTTGCCCGAGCTGCTGCAACAGGAGGTACGACAGCT
 GCAACTGTTTTGCTTCAAACCTCAAACCACTAACAACATCAGTACCAAATACAGTGGCAGCAGTGTCCC
 TTCAGCTGAGAAATCCAGTTGTGTCTGGGGCAGCAGTAACACTGGCTATTCCATCAGCAACTTTTGGAGA
 AGCGTCCGCTACACCTCTTTGTCTTCCATCTGCGAAGCCTGCCATTACCTCTGCTGGGACCAAAGCTGAT
 AAACCTGCCATTGGCACTCCAGTCCAGATCGTTACACAACCGAGCACCTCCTTCCACAGGCGGCTGGCA
 TTCCACAGACAGCCAAAGTCAAGCAACTAGTTGTACAGCAGCCTCAGGAAGCAGTGTGAATCATGTGAC
 CTCCATTTCCATTCTCACCATTGAGCACTCAGAAGTGTGGCAGAAGACACCAGTAAATGCTGTGATG
 CCTACTAGTAAGTTTCTCCATCTTCCATCATAAAGCAAATTAATCTGCCTGGAATAAACTTTTGTGCG
 TTCAAGCTCAAAGATCTTCTATTAGAGCAATAAAATAAAAGAGAATGGACCAACATGCTTCAGAGGTGA
 AGATGACATCAATGATGTGACTTTCATGGCAGAGGTCAACCTTGATGAAGAAAATGCCTGCATCTTAGCA
 GCACATTTGACTTTGTTGGCACACTTATTAGTCAATGTAAGAAGAACCATTCTTGTGATTGGAGCTC
 TACAGAAGAGAATTTTAGACATTGGTAAAAAGCATGACATTACAGAACTAACTCTGATGCTGTGAACTT
 GATCTCCCATGCAACACAGGAGAGATTACGAGGCCCTTCTAGAGAACTAACTACAATTGCTCAGCATCGA
 ATGACTATTTACAAGGGAAGTGAATTTATATCTTGTCTACTGATACCAGATCACAGTCAAATTTCTTG
 AAAAGCTCGATCAGTTGGAGAAAACAGAGGAAGGATTTAGAAGAAAAGAGAGATGTTACTAAAGGCAGCCAA
 GAGTCGCTCCAATAAAGAAGATCCAGAGCAGTGAATTAACAAAAAGCCAAAGAGTTGCAGCAGTTG
 GAGCTTGCCAGATCCAGTACAGAGATGCTAATCTCACAGCTCTTGCAGCTATTGGACCAAGGAAGAAGA
 GACCACTAGAATCAGAAATGAGAGCTTCAAAGATAACCCCTTCTACTTCTGGGACTTCCAGCCTAACAGC
 CACCAAACCATTTCTGCAAGAATCACAAGAATCTGCCTCAGGGATTTGATATTCTGTATGGAACAGGAA
 AGAGAGATGAAGTATTCTCGAGCCCTATACCTTGCCTTCTTAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100449
Insert Size: 2568 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_001100449.1 , NP_001093919.1
RefSeq Size:	5149 bp
RefSeq ORF:	2568 bp
Locus ID:	72504
UniProt ID:	G5E8Z2
Cytogenetics:	18 A1
Gene Summary:	Cell type-specific subunit of the general transcription factor TFIID that may function as a gene-selective coactivator in certain cells. TFIID is a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. TAF4B is a transcriptional coactivator of the p65/RELA NF-kappa-B subunit. Involved in the activation of a subset of antiapoptotic genes including TNFAIP3. Through interaction with OCBA/POU2AF1, acts as a coactivator of B-cell-specific transcription. Plays a role in spermiogenesis and oogenesis.[UniProtKB/Swiss-Prot Function]