

Product datasheet for **MC221733**

Taf5 (NM_177342) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Taf5 (NM_177342) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Taf5 |
| Synonyms: | 6330528C20Rik; AV117817 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >MC221733 representing NM_177342
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCGCTGGCGGAGGAGCAGACGGAGGTGGCGGTCAAGCTAGAGCCTGAGGGACCGCCGACGCTGC
 TACCTCCGACGGCTGGCGACGGCGCAGGCGAGGGGAGCGCGGCACTCCCAACAACGGCCCAACGGCGG
 CGGCGGCGGGAATGTGGCAGTGGCAGCGCGCGCCGGCGGGGACGCGGGACCCCAAGCCTGGGGTGGCT
 GTCTCCGCGCTGCCCGGCGGGGGCGCCCGGTGCCGCGCTCCGGCGGAGGCCGGCGCTCCCAACG
 ACCGACAGACCCTCCTGGCGTGTGCAATTCCTCCGGCAGAGCAACCTCCGCGAGGCCGAAGAGGGCT
 GCGCGGGAGGCCGGCTGCTGGAGGAGCGGTGGCGGGCTCCGGAGCTCCGGGAGAGTTGGACGGGGCC
 GCGCGGAGGGCGCCAGCGCGCTTCTCAGCCGGGTACCCTTCAGTTCCCGCTCTGCGCCCCGAGC
 CTCGGGGACGGGCGCTCGGTGACCTCGGTGTTCTCGGGTTCAGCTCAGTCTCGGGCTCCGGGAAA
 GGTTGCAAGTGTAGCTGTGAAGACCAGCCAGACGTCACTGCTGTCTTGTGCGCCTACAACCAACAAGGA
 GACCCTACAATGTATGAAGAATACTACAGTGGACTGAAACACTTCATTGAATGTTCTCTGGACTGCCATC
 GAGCAGAGTTATCCCAACTCTTTATCCTCTGTTGTACATATGTAAGTGGAGCTAGTTTATAATCAACA
 TGAAAAAGAAGCAAAATCATTCTTTGAGAAGTTCATGGAGATCAGGAATGTTACTACCAGGATGACCTA
 CGAGTGTATCTAGTCTTACAAAAAGGAGCACATGAAAGGGAACGAGACCATGCTGGACTTTCGGACGA
 GTAATTCGTTCTCCGCATTTCCCGGACTCGTACCAGCTTGAAGCGGCATCTCCAGGAGAAGCAGAA
 CAATCAGATCTGGAACATCGTGCAGGAGCACCTCTACATCGACATCTTCGACGGGATGCCTCGCAGTAAG
 CAACAGATCGACCCATGGTGGCAGCCTGGCAGGAGAGGCGAAACGAGAGGCCGAACAAATCGAAGGTAT
 TTTTGGTTTACTAAAAGAACCAGAAATGAGGTGCCTTTGGATGATGAGGACGAAGAAGGAGAAAATGA
 AGAAGGAAAACCTAAAAAGAAGAAGCCTAAGAAGGATAGTATTGGCTCTAAAAGCAAAAAACAAGATCCC
 AATGCCCGCCTCAAAACAGAATTCCTCTCTGAGTTAAAAGATTGAGCAAACTGGACAAAATATGA
 ATATGAAAGAACTACAAACGAGTGCCTCGGGCCAGACTGTTTACCCTCCATTTGTTTCTATACATT
 CCTTAATGCTTACCAGGGCCTCACTGCAGTGGATGCTACTGATGACTCTAGTCTGATTGCTGGAGTTTT
 GCTGATCAACTGTCAGAGTGGTCTGTGACCCCTAAAAGCTTCGTAGTGTCAAACAAGCATCAGATC
 TTAGTCTTATAGACAAAGAATCAGATGATGCTTAGAGAGAATCATGGATGAGAAAAGTCAAGTGAAGT
 GAAGATTTTGTATGGTCACAGTGGCCTGTCTATGGAGCCAGCTTCAGTCCGGATAGGAACCTACTC
 TCCTCTCAGAGGATGGAAGTGTAGACTCTGGAGCCTTCAGACTTTCATTGCTTGGTTGGGTATAAG
 GACACAATACCCAGTATGGGACACACAGTTTTCTCCATACGGATATTATTCGTGTGAGGAGCCATGA
 CCGAGTAGCTCGGCTTTGGGCTACCGATCACTATCAGCCTTTGAGGATATTTGCTGGCCATCTTGTGAT
 GTGAATTGCACTAGATTTTCAATTCGAACTATGTTGCTACGGGCTCTGCAGACAGAACTGTGCGGC
 TCTGGGATGTCCTCAATGGTAAGTGTGAAGAATCTTCACTGGGCACAAGGGACCAATTCATTCTTGAC
 ATTTTCTCCCAATGGGAGATTCTGGCTACAGGAGCAACAGATGGCAGAGTACTTCTTTGGGATATTGGA
 CACGGCTTGATGGTTGGAGAATAAAAGGCCACTGATACAGTGTGTTCACTTAGGTTTAGTAGAGATG
 GTGAAATTTGGCATCAGGTTCAATGGATAATACAGTCCGGTTATGGGACGCCGTCAAAGCGTTTGAAGA
 CTTAGAGACTGATGACTTTACTACAGCCACCGGCATATAAACCTACCTGAGAATCCCAGGAGTTGTTA
 TTGGGTACATATATGACCAAAATCAACACCAGTTGTACACCTACATTTTACAAGAAGAACTTGGTTCTAG
 CTGCAGGAGCTTACAGTCCGCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177342
Insert Size: 2406 bp

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| 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_177342.3 , NP_796316.2 |
| RefSeq Size: | 3258 bp |
| RefSeq ORF: | 2406 bp |
| Locus ID: | 226182 |
| UniProt ID: | Q8C092 |
| Cytogenetics: | 19 C3 |
| Gene Summary: | TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TAFs components-TIIFD are essential for mediating regulation of RNA polymerase transcription. TAF5/TAFII100 interacts strongly with the histone H4-related TAF6/TAFII80 and the histone H3-related TAF9/TAFII31, as well as a stable complex comprised of both TAF5/TAFII80 and TAF6/TAFII31. Apparently weaker interactions of TAF5/TAFII100 with TBP, TAF1/TAFII250, TAF11/TAFII28, and TAF12/TAFII20, but not TAF7/TAFII55, also have been observed (By similarity).[UniProtKB/Swiss-Prot Function] |