

Product datasheet for **MG217171**

Taf5 (NM_177342) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf5 (NM_177342) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf5
Synonyms:	6330528C20Rik; AV117817
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG217171 representing NM_177342
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCGCTGGCGGAGGAGCAGACGGAGGTGGCGGTCAAGCTAGAGCCTGAGGGACCGCCGACGCTGC
 TACCTCCGCAGGCTGGCGACGGCGCAGGCGAGGGGAGCGCGGCACTCCCAACAACGGCCCAACGGCGG
 CGCGCGCGGAATGTGGCAGTGGCAGCGCGCGCCGGCGGGGACGCGGGACCCCCAAGCCTGGGGTGGCT
 GTCTCCGCGCTGCCCGGCGGGGGCGCCCGGTGCCCGCGCTCCGGCGGAGGCCGGCGCTCCCCACG
 ACCGACAGACCCTCCTGGCCGTGCTGCAATTCCTCCGGCAGAGCAACCTCCGCGAGGCCGAAGAGGCGCT
 GCGCCGGGAGGCCCGCTGCTGGAGGAGCGGTGGCGGGCTCCGGAGCTCCGGGAGAGTTGGACGGGGCC
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 GGTTGCAAGTGTAGCTGTGAAGACCAGCCAGACGTCACTGCTGTTGTCGGCTACAACCAACAAGGA
 GACCCTACAATGTATGAAGAATACTACAGTGGACTGAAACACTTCATTGAATGTTCTCTGGACTGCCATC
 GAGCAGAGTTATCCCAACTCTTTATCCTCTGTTGTACATATGTAAGGAGTGTATTAATCAACA
 TGAAAAAGAAGCAAAATCATTCTTTGAGAAGTTCATGGAGATCAGGAATGTTACTACCAGGATGACCTA
 CGAGTGTATCTAGTCTTACAAAAAGGAGCACATGAAAGGGAACGAGACCATGCTGGACTTTCGGACGA
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 GAAGATTTTGTATGGTCACAGTGGGCTGTCTATGGAGCCAGCTTCAGTCCGGATAGGAACCTACTACTC
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 GTGAATTGCACTAGATTTTCAATCGAAATTCGAACTATGTTGCTACGGGCTCTGCAGACAGAAGTGTGCGGC
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 GTGAAATTTGGCATCAGGTTCAATGGATAATACAGTCCGGTTATGGGACGCCGTCAAAGCGTTTGAAGA
 CTTAGAGACTGATGACTTTACTACAGCCACCGGCATATAAACCTACCTGAGAATCCCAGGAGTTGTTA
 TTGGGTACATATATGACCAATCAACACCAGTTGTACACCTACATTTTACAAGAAGAACTTGGTTCTAG
 CTGCAGGAGCTTACAGTCCGCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG217171 representing NM_177342
 Red=Cloning site Green=Tags(s)

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MAALAEQTEVAVKLEPEGPPTLLPPQAGDGAGEGSGGTPNNGPNNGGGGNVAVAAAAGDGGTPKPGVA
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GAEASALLSRVTASVPGSAAPEPPGTGASVTSVFSGSASGPAAPGKVASVAVEDQPDVSAVL SAYNQQG
DPTMYEEYYSGLKHFIECSLDCHRAELSQLFYPLFVHMYLELVYNQHENEAKSFFEKFHGDQECYYQDDL
RVLSSLTKKEHMKGNETMLDFRTSKFVLRISRDSYQLLKRHLQEKQNNQIWNIVQEHLIDIFDGMPSK
QQIDAMVGS LAGEAKREANKSKVFFGLLKEPEIEVPLDDEDEEGENE EGPKKKKPKKDSIGSKSKKQDP
NAPPQNR IPLPELKDSKLDKIMMKETT KRVRLGPDCLPSICFYTF LNAYQGLTAVDVTDDSSLIAGGF
ADSTVRVWSVTPKKLRSVKQASDLSLIDKESDDVLERIMDEKTASELKILYGHSGPVYGASFSPDRNYLL
SSSEDGTVRLWSLQFTTCLVGYKGHNYPVWDTQFSYGYFVSGGHDRVARLWATDHYQPLRIFAGHLAD
VNCTRFHPNSNYVATGSADRTVRLWDLNGNCVRIFTGHKGPIHSLTFSPNGRFLATGATDGRVLLWDIG
HGLMVGELKGHDTVCSLRF SRDGEILASGSM DNTVRLWDAVKAFEDLETDFFTATGHINLPENSQELL
LGT YMTKSTPVVHLHFTRRNLVLAAGAYSPQ
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

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_177342.3](#), [NP_796316.2](#)

RefSeq Size: 3258 bp

RefSeq ORF: 2406 bp

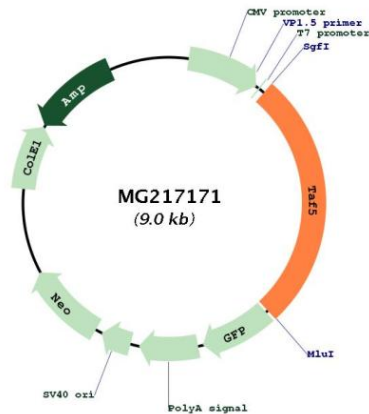
Locus ID: 226182

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-TFIID 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]

Product images:



Circular map for MG217171