

Product datasheet for **MG209976**

Taf6 (NM_009315) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf6 (NM_009315) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf6
Synonyms:	80kDa; AW549759; p80; TAF(II)80; Taf2e; TAFII70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>MG209976 representing NM_009315
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCCGAGGAGAAGAACTGAAACTCAGCAATACTGTGTGCCCTCTGAGTCCATGAAGTGGTGGCAG
AATCTATGGGCATTGCTCAGATTCAGGAGGAGACTTGCCAGCTACTGACAGATGAGGTCACTACCGCAT
CAAGGAGATTGCCAGGATGCCCTGAAGTTCATGCACATGGGAAACGACAGAAGCTCACTACCAGTGAC
ATTGACTATGCATTGAAGTTAAAGAATGTGGAGCCACTGTATGGCTTCCATGCTCAGGAGTTCATCCCTT
TCCGGTTTGCCTCTGGCGGGGGCCGGGAGCTGTACTTCTATGAAGAGAAGGAAGTGGACCTGAGTGACAT
CATCAACACCCCTCTGCCTCGGGTGCCTCTGGATGTCTGCCTCAAAGCTCATTGGCTAAGCATCGAAGGC
TGCCAGCCAGCTATACCAGAGAATCCACCCAGCTCCCAAAGAGCAGCAGAAGGCTGAGGCCACAGAAC
CCCTGAAATCAGCAAAGCCAGGCCAAGAAGAAGATGGACCCTGAAAGGCAAAGGTCAAGGGGCAGCTGC
AGCTGATGGCAAAGGAAAAGAGAAGAAGGCACCTCCCTTGCTGGAGGGGGCCCTTCCGCCTGAAGCCC
CGCAGCATCCATGAGCTGTCTGTGGAGCAGCAGCTGTATTACAAGGAGATCACGGAAGCCTGTGTGGGAT
CCTGTGAGGCCAAGAGAGCGGAAGCTCTGCAGAGCATTGCCACGGACCCAGGGCTCTATCAGATGTACC
ACGGTTCAGTACCTTCATCTCAGAGGGGTCCGTGTGAATGTAGTTTCAAGATAACCTGGCCTTGCTCATC
TACCTGATGCGTATGGTGAAGGCCCTGATGGACAACCCACACTGTATCTAGAGAAATATGTGCATGAGC
TCATCCAGCAGTAATGACCTGCATTGTGAGTAGACAGCTGTGCTTGGGCCAGATGTGGACAATCACTG
GGCACTCCGGGATTTTGTGCCGTCTAGTGGCCAAATCTGTAAAGCATTTCAGCACAACCACCAACAAC
ATCCAATCCCGAATCACTAAGACCTTACCAAGAGCTGGGTCGACGAGAAGACTCCATGGACAACCTCGAT
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GGCCAGGCTGCTCTACAAGCTCAGCAGGTCAACAGGACCACACTCACCATCACACAGCCTCGGCCACA
CTGACCCTTTCACAGGCCCTCAGCCAGGCCCTCGCACGCTGGCTTATTGAAGTCCCTGGCTCCATTG
CCTTGCCTGTTTCCAGACTGGTGTCTGCGAGAGCTGCTGCTCCTCCTCAGCCTTCTCCTCCTCAACCAA
GTTTATTGTAATGTCCTCATCTCCAGTGCCTCATCAACCAGCAGGTTCTGTCCCTCAGCACCTCAGCT
CCTGGCTCAGGCTCTACTACTACCTCTCCTGTCCACCACCGGTTCCAGCGTGCAGCCATCGTCAAGC
TGGTCTCCACTGCTACCACTGCACCCCAAGCACAGCCCTGCTGGTTCTGGCAGTGTTCAGAAATACAT
TGTGGTCTCTTCCCCAACAGGGGAAGGCAAAGGAGGCCCTCCTTCTCATCCTTCTCCAGTCCCCCT
TCATCTTCTTACCATCCCCACTTGGGGGAAGTACCCTCTGTGGGGGAAGCAGGAAGCTGGGGACAGCC
CCCCTCCAGTCCAGGGACTCCAAGGCTAATGGCTCGCAGCCTACTGGACCTGGCTCTCCCAGCCTGC
TCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG209976 representing NM_009315
Red=Cloning site Green=Tags(s)

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MAEEKKLLKLSNTVLPSESMKVVAESMGIAQIQEETCQLLTDEVSYRIKEIAQDALKFMHMGKRQKLTTS
IDYALKLKNVEPLYGFHAQEFIPFRFASGGGRELIFYEEKEVDLSDIINTPLPRVPLDVCLKAHWSIEG
CQPAIPENPPPAPKEQQKAEATEPLKSAKPGQEEDGPLKKGQGAAAADGKGEKKAPLLEGGAPFRLKP
RSIHLSVEQQLYKYEITEACVGSCEAKRAEALQSIATDPGLYQMLPRFSTFISEGVRRVNVVQNNLALLI
YLMRMVKALMDNPTLYLEKYVHELIPAVMTCIVSRQLCLRPDVDNHWALRDFEARLVAQICKHFSTTTNN
IQSRITKTFTKSWVDEKTPWTTTRYGSIAGLAELGHDVIKTLILPRLQQEGERIRSVLDGPVLSNIDRIGA
DHSVQSLLLKHCAPVLAKLRPDPNDQDAYRGEFGSLGPLLCSHVVKARAQAALQAQQVNRITLITQPRPT
LTL SQAPQPGPRTPGLLKVPGSIALPVQTLVSARAAAPPQSPPTKFI VMSSSSSASSTQVLSLSTSA
PGSGSTTTSPVTTTVPVSVQPIVKLVSTATTAPPSTAPAGSGSVQKIYVSLPPTGEGKGGPPSHSPVPP
SSSSPSPLGGSTLCGGKQEAAGSPPPAPGTPKANGSQPTGPGSPQPAL
    
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TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_009315

ORF Size: 2034 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_009315.2](#)

RefSeq Size: 2264 bp

RefSeq ORF: 2037 bp

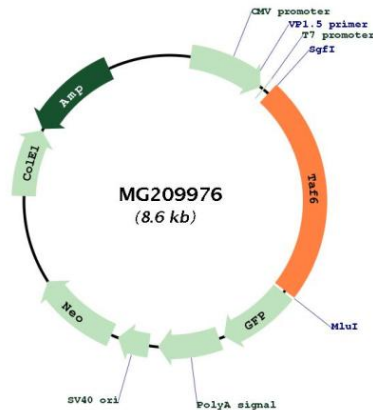
Locus ID: 21343

UniProt ID: [Q62311](#)

Cytogenetics: 5 G2

Gene Summary: TAFs are components of the transcription factor IID (TFIID) complex, PCAF histone acetylase complex and TBP-free TAFII complex (TFTC). TFIID is multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG209976