

## Product datasheet for **MR209976**

### Taf6 (NM\_009315) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Taf6 (NM_009315) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Taf6
Synonyms:	80kDa; AW549759; p80; TAF(II)80; Taf2e; TAFII70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR209976 representing NM\_009315  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCCGAGGAGAAGAACTGAAACTCAGCAACTACTGTGTGCCCTCTGAGTCCATGAAGTGGTGGCAG  
AATCTATGGGCATTGCTCAGATTCAGGAGGAGACTTGCCAGCTACTGACAGATGAGGTCACTACCGCAT  
CAAGGAGATTGCCAGGATGCCCTGAAGTTCATGCACATGGGAAACGACAGAAGCTCACTACCAGTGAC  
ATTGACTATGCATTGAAGTTAAAGAATGTGGAGCCACTGTATGGCTTCCATGCTCAGGAGTTCATCCCTT  
TCCGGTTTGCCTCTGGCGGGGGCCGGGAGCTGTACTTCTATGAAGAGAAGGAAGTGGACCTGAGTGACAT  
CATCAACACCCCTCTGCCTCGGGTGCCTCTGGATGTCTGCCTCAAAGCTCATTGGCTAAGCATCGAAGGC  
TGCCAGCCAGCTATACCAGAGAATCCACCCAGCTCCCAAAGAGCAGCAGAAGGCTGAGGCCACAGAAC  
CCCTGAAATCAGCAAAGCCAGGCCAAGAAGAAGATGGACCCTGAAAGGCAAAGGTCAAGGGGCAGCTGC  
AGCTGATGGCAAAGGAAAAGAGAAGAAGGCACCTCCCTTGTGGAGGGGGCCCTTCCGCCTGAAGCCC  
CGCAGCATCCATGAGCTGTCTGTGGAGCAGCAGCTGTATTACAAGGAGATCACGGAAGCCTGTGTGGGAT  
CCTGTGAGGCCAAGAGAGCGGAAGCTCTGCAGAGCATTGCCACGGACCCAGGGCTCTATCAGATGTACC  
ACGGTTCAGTACCTTCATCTCAGAGGGGTCCGTGTGAATGTAGTTTCAAGAATAACCTGGCCTTGCTTATC  
TACCTGATGCGTATGGTGAAGGCCCTGATGGACAACCCACACTGTATCTAGAGAAATATGTGCATGAGC  
TCATCCAGCAGTAATGACCTGCATTGTGAGTAGACAGCTGTGCTTGGGCCAGATGTGGACAATCACTG  
GGCACTCCGGGATTTTGTGCCCGTCTAGTGGCCAAATCTGTAAAGCATTTCAGCACAACCACCAACAAC  
ATCCAATCCCGAATCACTAAGACCTTACCAAGAGCTGGGTGACGAGAAGACTCCATGGACAACCTCGAT  
ATGGCTCCATTGCAGGCCAGCAGAGCTGGGACATGATGTGATTAAGACGCTAATTCTGCCAAGGCTGCA  
GCAGGAAGGGGAACGGATCCGCAGTGTCTTGGATGGGCCCTGTGCTGAGCAACATCGACCGTATTGGAGCA  
GACCATGTGCAGAGCCTTCTCCTGAAACTGTGCCCCAGTACTGGCCAAGCTGCGCCCTCCACCTGACA  
ATCAGGATGCCTACCGGGGAGAATTTGGGTCCCTTGGGCCCTTCTCTGTTCCCATGTGGTGAAGGCCAG  
GGCCAGGCTGCTCTACAAGCTCAGCAGGTCAACAGGACCACACTCACCATCACACAGCCTCGGCCACA  
CTGACCCCTTTCAGAGCCCTCAGCCAGGCCCTCGCACGCCTGGCTTATTGAAGTCCCTGGCTCCATTG  
CCTTGCCTGTTTCCAGACTGGTGTCTGCGAGAGCTGCTGCTCCTCCTCAGCCTTCTCCTCCTCAACCAA  
GTTTATTGTAATGTCCTCATCTCCAGTGCCTCATCAACCAGCAGGTTCTGTCCCTCAGCACCTCAGCT  
CCTGGCTCAGGCTCTACTACTACCTCTCCTGTCCACCACCGGTTCCAGCGTGCAGCCATCGTCAAGC  
TGGTCTCCACTGCTACCACTGCACCCCAAGCACAGCCCTGCTGGTTCTGGCAGTGTTCAGAAATACAT  
TGTGGTCTCTTCCCCAACAGGGGAAGGCAAAGGAGGCCCTCCTTCTCATCCTTCTCCAGTCCCCCT  
TCATCTTCTTACCATCCCCACTTGGGGGAAGTACCCTCTGTGGGGGAAGCAGGAAGCTGGGGACAGCC  
CCCCTCCAGTCCAGGGACTCCAAGGCTAATGGCTCGCAGCCTACTGGACCTGGCTCTCCCAGCCTGC  
TCTG

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR209976 representing NM\_009315  
 Red=Cloning site Green=Tags(s)

MAEEKKLKLSNTVLPSESMKVVAESMGIAQIQEETCQLLTDEVSYRIKEIAQDALKFMHMGKRQKLTTSD  
 IDYALKLKNVEPLYGFHAQEFIPFRFASGGGREL YFYEEKEVDLSDIINTPLPRVPLDVCLKAHWSIEG  
 CQPAIPENPPPAPKEQQKAEATEPLKSAKPGQEEDGPLKGGQGAAAADGKGEKKAPLLEGGAPFRLKP  
 RSIHEL SVEQQLYKKEITEACVGSCEAKRAEALQSIATDPGLYQMLPRFSTFI SEGVRVNVVQNNLALLI  
 YLMRMVKALMDNPTLYLEKYVHELIPAVMTCIVSRQLCLRPDNDNHVALRDF AARLVAQICKHFSTTTNN  
 IQSRITKTFTKSWVDEKTPWTTRYGSIAGLAELGHDVIKTLILPRLQQEGERIRSVLDGPVLSNIDRIGA  
 DHVQSLLLKHCAPVLAKLRPPDNQDAYRGEFGSLGPLLCSHVVKARAQAALQAQQVNRITLITITQRPRT  
 LTL SQAPQPGPRTPLGLLKVPGSIALPVQTLVSARAAAPPQSPPTKFI VMSSSSSASSTQVLSLSTSA  
 PGSGSTTTSPVTTTVPVQPIVKLVSTATTAPPSTAPAGSGSVQKYIVVSLPPTGEGKGGPPSHSPVPP  
 SSSSPSPLGGSTLCGGKQEAAGDSPPPAPGTPKANGSQPTGPGSPQPAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9095\\_a07.zip](https://cdn.origene.com/chromatograms/mm9095_a07.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_009315

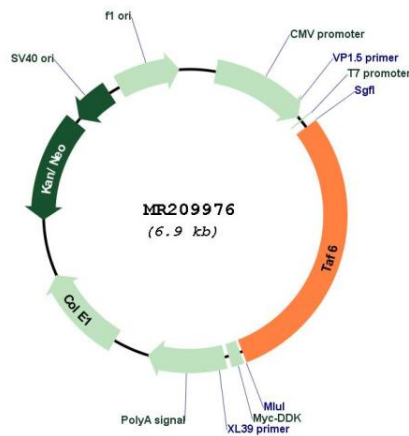
**ORF Size:** 2034 bp

**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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_009315.4</a></u>
<b>RefSeq Size:</b>	2264 bp
<b>RefSeq ORF:</b>	2037 bp
<b>Locus ID:</b>	21343
<b>UniProt ID:</b>	<u><a href="#">Q62311</a></u>
<b>Cytogenetics:</b>	5 G2
<b>MW:</b>	72.7 kDa
<b>Gene Summary:</b>	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 MR209976