

## Product datasheet for **RN214018**

### Taf6 (NM\_001044225) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Taf6 (NM_001044225) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Taf6
Synonyms:	TAF(II)80; TAFII70
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN214018 representing NM\_001044225  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGAGGAGAAGAACTGAACTCAGCAATACCGTGTGCCCTCCGAGTCTATGAAGTGGTGGCAG  
 AATCCATGGGCATTGCTCAGATTCAGGAGGAGACTTGCCAGCTACTGACAGATGAGGTGAGTACCGCAT  
 CAAGGAGATTGCCAGGATGCTTTGAAGTTCATGCACATGGGAAACGACAGAAGCTCACTACCAGTGAC  
 ATTGACTATGCATTGAAATTAAGAATGTGGAGCCACTATATGGCTTCCATGCTCAGGAGTTCATCCCTT  
 TCCGGTTTGCCTCTGGTGGGGCCGGGAGCTGTACTTCTATGAAGAGAAGGAAGTGGACCTGAGTGATAT  
 CATCAACACCCCTCTGCCTCGGGTGCCTCTGGATGTCTGCCTCAAAGCTCATTGGCTGAGCATTGAAGGC  
 TGCCAGCCAGCTATACCAGAGAATCCACCCAGCTCCAAAGAGCAGCAGAAGGCCGAGGCCACAGAAC  
 CCCTGAAGTCAGCAAAGCCAGGCCAAGAAGAAGATGGACCCTTGAAGGCCAAAGGTCAAGGGGCAGCTGC  
 AGCTGATGGCAAAGGAAAAGAGAAGAAGGCACCTCCCTTGTGGAAGGGGCCCTTCCGCTGAAGCCC  
 CGCAGCATCCATGAGCTGTCCGTGGAGCAGCAGCTGTACTACAAGGAGATCACAGAAGCCTGTGTGGGAT  
 CCTGTGAGGCCAAGAGAGCGGAAGCTCTGCAGAGCATTGCCACAGATCCTGGACTCTATCAGATGTTACC  
 ACGGTTTAGTACCTTCATCTCAGAGGGGTCCGTGTGAATGTGGTTTCAAGAATAACCTGGCCTTGCTCATC  
 TACTTGATGCGAATGGTTAAGGCCCTGATGGACAACCCACACTGTATCTTGAGAAATATGTGCACGAGC  
 TGATTCCTGCAGTAATGACCTGCATTGTGAGCAGACAGCTGTGCCTGGGCCAGATGTGGACAATCACTG  
 GGCCTCCGGGATTTTGTGCCCGTCTAGTGGCCAGATCTGTAAAGCATTTCAGCACAACCACCAACAAC  
 ATCCAATCCCGAATCACCAGACCTTTACCAAGAGCTGGGTGGATGAGAAGACTCCATGGACAACCTCGAT  
 ATGGCTCCATTGCAGCCCTGGCAGAGCTGGGGCATGATGTGATTAAAGCCCTAATTCTGCCAAGGCTGCA  
 GCAGGAAGGGGAGCGGATCCGAAGTGTCTTGGACGGACCTGTTCTGAGCAACATCGACCGTATCGGAGCA  
 GACCATGTTTCAAGCCTTCTCCTGAAACTGTGCCCCAGTATTGGCGAAGCTGCGCCCTCCACCTGACA  
 ATCAGGATGCCTACCGGGGAGAATTTGGGTCCCTTGGGCCCTTCTCTGCTCCCATGTGGTGAAGGCCAG  
 GGCCAGGCCGCTCTTCAAGCTCAGCAGGTCAACAGGACCACACTCACCATCACACAGCCTCGGCCACA  
 CTGACCCTCTCACAGGCCCTCAGCCAGGCCCTCGTACCCTGGCTTATTGAAGTCCCTGGCTCTATTG  
 CCTTGCCTGTCCAGACTGGTGTCTGCAAGAGCTGTGCCCTCCTCAGCCTTCTCTCTCCAACGAA  
 GTTTATTGTAATGCTCCTCATCTCCAGTGCCTCATCAACCAGCAGGGGAAGGCAAGGAGGCCCTCCTT  
 CTCATCCTTCTCAGTCCACCTTCATCTTCTTACCATCTCCACTTGGGGCAGTGCCCTCTGTGGGGG  
 GAAGCAGGAACTGGGGACAGCCCCCTCAGCTCCAGGGACTCCAAAGGCTAATGGCTCCAGCCTACT  
 GGACCTAGCTCTCCCAGCCTGCTCTGTGATATTGTCACATGTGCTGACCTCCTCTTCTGCGATTCC  
 TACACACAAACAACGTGTGAGGGAGGAAGAAGAAGATGTTTTCCCAAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001044225
- Insert Size:** 1944 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:**

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\\_001044225.1](#), [NP\\_001037690.1](#)

**RefSeq Size:** 2127 bp

**RefSeq ORF:** 1944 bp

**Locus ID:** 288533

**Cytogenetics:** 12q11

**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]