

## Product datasheet for **RR200041**

### Taf9 (NM\_001037310) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Taf9 (NM\_001037310) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Taf9  
**Synonyms:** CINAP; TAFII31; TAFII32  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR200041 representing NM\_001037310  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGTCTGGCAAGATGGCGTCTCCAAGAGCATGCCGAAAGACGCACAGATGATGGCACAATCCTGA  
AGGATATGGGGATTACAGAGTATGAGCCAAGAGTTATAAATCAGATGCTGGAGTTTGCCTCCGATATGT  
GACCACAATTCTAGATGATGCTAAAATTTATTCAAGCCATGCTAAGAAACCTACTGTTGATGCAGATGAT  
GTCCGATTGGCAATCCAGTGCCGTGCTGACCAGTCTTTCACCTTCTCTCCCCGAGAGATTTTTTATTAG  
ATATTGCAAGGCAAGAAATCAAACCCCTTTGCCATTGATCAAGCCATATTCAGGTCCTAGATTGCCACC  
TGATAGATACTGCTTAACTGCTCCTCAACTATAGGCTTAAGTCTTTACAAAAAAGGCACCTACTCCTGCA  
GGAAGAATAACGGTTCCAAGGTTAAGTGTGGTTTCAGTTTCTAGTAGACCTAGTACTCCACACTAGGCA  
CACCACTCCACAAGCCATGTCTGTGCTCAACTAAAGTAGGCACTCCAATGTCCCTCACAGGGCAGAGGTT  
TACAGTACAGATGCCTGCTTCTCAGTCCCCTGCTGTAAGGCTTCCATTCTGCAACACCAGCAGTTTCAG  
AATGTTCTTATTAATCCATCATTAAATGGGTCCAAAAACATTCTTACTACTAATATGGTGTACAAAA  
ATACAGCCAATGAGTCGGCAAACGCACTCAAAGAAAACGTGAAGAAGAAGATGATGACGATGATGATGA  
TGATGATGACTATGATAATTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >RR200041 representing NM\_001037310  
 Red=Cloning site Green=Tags(s)

MESGKMASPKSMPKDAQMMAQILKDMGITEYEPRVINQMLEFAFRYVTTILDDAKIYSSHAKKPTVDADD  
 VRLAIQCRADQSFSTSPPPRDFLLDIARQRNQTPLPLIKPYSGPRLPPDRYCLTAPNYRLKSLQKKAPTPA  
 GRITVPRLSVGSVSSRPSTPTLGTPTPQAMSVSTKVGTPMSLTGQRFVQMPASQSPAVKASIPATPAVQ  
 NVLINPSLIGSKNILITNMVSQNTANESANALKRKRREEEDDDDDDDDDDDYDNL

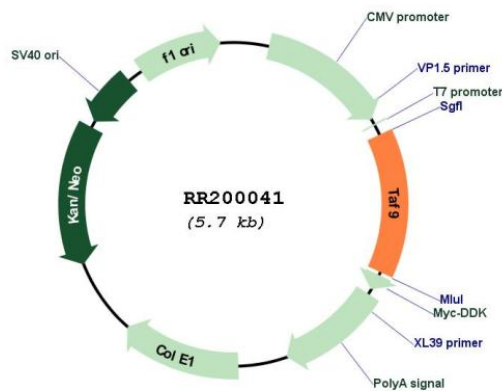
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001037310  
**ORF Size:** 792 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	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>	<a href="#">NM_001037310.1</a> , <a href="#">NP_001032387.1</a>
<b>RefSeq Size:</b>	1703 bp
<b>RefSeq ORF:</b>	795 bp
<b>Locus ID:</b>	373541
<b>UniProt ID:</b>	<a href="#">Q5BKE0</a>
<b>Cytogenetics:</b>	2q12
<b>MW:</b>	29 kDa
<b>Gene Summary:</b>	Essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes. May have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription (By similarity).[UniProtKB/Swiss-Prot Function]