

## Product datasheet for **RR202863**

### Taf10 (NM\_001134735) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Taf10 (NM\_001134735) Rat Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Taf10  
Synonyms: MGC188059  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >RR202863 representing NM\_001134735  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCTGCAGCGGCTCCGGCGCGGACCCCGAGGCGGCCAGCCTGTGCCGCTCGGTGCGGGTCCGG  
CGCCCCGGTGTCCGCTCCCGCTGCGCTGCCACTAGCACGGCCGCGGAGAGCAAAGCCAGCCCCGCGGG  
GACAGCAGGGGGCCCTGGAGCTGGAGTCGCCACTGCAGGCACGGGCCCGTGGCGGCACGGGAGGGGAG  
CCCGCGGAGCGGCGGGACCGGCTTCGGTGGCAGCAGGCGCGCGCTCCCTGAGGGGCAATGTCTA  
ACGGGGTTTACGCCCTACCGAGCGGGCAACGGAGAAGTGAAGCCCGTAGTGTCCAGCACACCCTAGT  
GGACTTCTTGATGCAGTTGGAGGATTATACACCTACGATCCCGGATGCAGTGACTGGTTACTACCTGAAC  
CGTGCTGGCTTTGAAGCTTCAGACCCACGCATAATTCCGGCTCATCTCACTAGCTGCCAGAAATTCATCT  
CAGATATTGCCAATGATGCCCTACAGCACTGCAAATGAAGGGTACAGCCTCTGGCAGCTCCCGGAGCAA  
GAGCAAGGATCGCAAGTACCCCTAACCATGGAGGACTTGACCCCTGCCCTCAGCGAGTATGGCATCAAT  
GTGAAGAAGCCGCACTACTTCACC

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR202863 representing NM\_001134735  
Red=Cloning site Green=Tags(s)

MSCSGSGADPEAAPACAASVAGPAPPVSAPAALPTSTAAESKASPAGTAGGPGAGVATAGTGPVAARAGE  
 PAERRGPASVAAGGAAPPEGAMSNVYALPSAANGEVKPVVSSSTPLVDFLMQLEDYTPPTIPDAVTGYLNLN  
 RAGFEASDPRIIRLISLAAQKFI SDIANDALQHCKMKGTASGSSRSKSKDRKYTLTMEDLTPALSEYGIN  
 VKKPHYFT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001134735

**ORF Size:** 654 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\\_001134735.1](#), [NP\\_001128207.1](#)

**RefSeq Size:** 869 bp

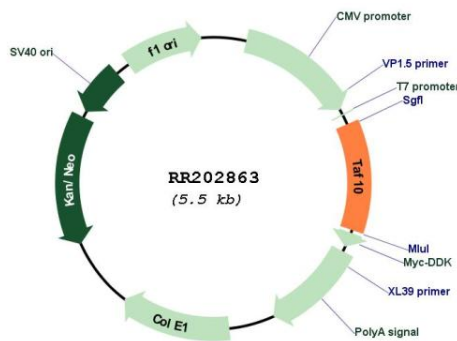
**RefSeq ORF:** 657 bp

**Locus ID:** 293345

**Cytogenetics:** 1q32

**MW:** 21.8 kDa

**Product images:**



Circular map for RR202863