

Product datasheet for **MG220223**

Taf6l (NM_001177798) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf6l (NM_001177798) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf6l
Synonyms:	2810417N14Rik; BB223262; C530024J06Rik; Paf65a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG220223 representing NM_001177798
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCAAAGTTCCACCGGGCCATGTCAGAACGAGAGGAGAGGAGTTTGTGGAGATCCCTCGGGAGTCGG
 TCCGGCTCATGGCAGAGAGCACAGGTCTAGAGCTGAGTGACGAGGTGGCCGCTCTGCTCGCTGAAGATGT
 GTGCTACCGTCTCCGAGAGGCCACACAGAATAGCTCTCAATTCATGAAACACACCAAACGAAGGAGCTG
 ACGGTGGAGGACTTCAACAGGGCTCTCAGGTGGAGCAGCGTGGAGGCTGTGTGTGGCTATGGGTCCAGG
 AGGCATTGCCCTTGCGCCCTGCAAGGGAGGGTGTCTCTACTTCCCGAGGATCGAGAAGTGAGCCTGGT
 GGAGCTGGCACTAGCCACCAACATCCCCAAGGGCTGTGCAGAGACAGCTGTGAGATTATGTCCTCTAT
 CTGGATGGCAAAGGAACTGGCACCTCAGGGATCAGTCCCAGTGCAGTGTCTTACTGACAGATGACC
 TGCTCAAATACTACCAGCAAGTGACACGGGCTGTACTGGGAGATGACCCACAGCTGATGAAGGTAATACT
 TGTAAGCCACGACCTGGAACAATGCACCGACTACTGCAGGTGGCAAGGACCTGATACGGAACCCACAC
 CTGTGCTTGGGACCTATGTCGGATCCTTGGTGGGCAGCGTGTCTTACTGTGCTTGGAGCCACTGGCCG
 CCTCCATCAACCCCTTGAATGACCACTGGACTCTGCGAGATGGGGCTGCCCTTCTACTCAGTCACATATT
 CTGGACGCATGGAGACCTTGAAGTGGCCTGTATCAGCAGATTCTGCTGTCCCTGCAGAAGGTCCTGACA
 GACCCTGTTGGCCTCTCTGTTCTACTATGGGCAGTGGTGGGGCTGCATGCTCTAGGCTGGAAGGCAG
 TGGAGCGAGTCTCTACCCACATCTGCCACTTACTGGACAACTTGACAGGCTGTGCTGGATGACTATTC
 CGTATCTAATGCCAGGTCAAAGCGGACGGGCACAAAGTGTATGGAGCCATTCTGGTGGCCGTAAGACGA
 CTATTGAAGATGAAAGCTCAGGCAGCAGAGCCCAACCCGGTGGCCTTGGCGGGAGAGGGTACCCGCTG
 CGGAGGACCTGCCTTGGGACAGCCTTCTCTACAAGAATCTCCCCGGGGGCGAGCTCCGAAACAGGTTT
 TGGGTCTGGTCTCCCGCCACCATCAGGGGTTGCGGGACCAAGGACCCCTTCTTCTTGGCCTGGCAGAC
 ATCTACCGTGAGCTATACTCCTTCTTGGTGACAGCTTGCCACTCGCTTGGCACTGGCCAGCCTGCTC
 CCACGGCCCCGCGACCACCCGGAGACAAGAAGGAGCCTGCGGCTGCCCGGATTCGGTGGGAAAATGCC
 GCAGCTGACTGCCAGCGCGTGGTCAAGCCTCAGGGTGCAGAAAGCCCGTGGCGTGGGACTCTCGCCACC
 GCCACCGCCGCTCGGAGAGCAGGCCGCTACCGCGCTACACCGGGCGGGGGTGTCTCTCGTCAGCAGG
 GCCCGGCGGGAAACGCGAGACGTCTTCCAGAAGAGCCGCTTCGCGCCCGTGGCGCCCCACACTCCG
 GTTTATAATCGCAGGGCGTCAAGCCGGGCGCGCTGCCGCGGGCGCTTTCAAAGTGCCTTCTCTGCC
 CCATATGGGCCAGCCCCGCTCCGCTACGTGCAGAAGCTGCCATGATCGGCCGTACCGCCGCCCGG
 CCCGCGCTGGGGCTCTCCGACTACTCGCTGTACCTGCCGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG220223 representing NM_001177798
 Red=Cloning site Green=Tags(s)

MQSSTGAMSEREERRFVEIPRESVRLMAESTGLELSDEVAALLAEDVCYRLREATQNSSQFMKHTKRRKL
 TVEDFNRLRWSSVEAVCGYGSQEALPLRPAREGDL YFPEDREVS LVELALATNIPKGCAETAVRVHVS Y
 LDGKGNLAPQGSVPSAVSSLTDDLLKYYQVTRAVLGDDPQLMKVKSVDHLEQLHRLQLVARSLIRNPH
 LCLGPYVRSVLVSVLYCVLEPLAASINPLNDHWTLRDGAALLLSHIFWTHGDLVSGLYQQILLSLQKVL T
 DPV RPLCSHYGAVVGLHALGWKAVERVL YPHLPTYWTNLQAVLDDYSVSNQVKADGHKVGAILVAVER
 LLKMKQAQAAEPNRGGLGGRGYRPAEDLPWDSLLLQESPPGGSSETGFGSGLPPPSGVAGPEDPSSLTLAD
 IYRELYSFFGDSLATRFGTGQPAPTAPRPPGDKKEPAAAPDSVRKMPQLTASAVVSPQGDESPCGGLTAT
 ATAASESRPLPRVHRARGAPRQQGPGAGTRDVFQKSRFAPRGAPHFRIIAGRQAGRRRCGRFLQTAFPA
 PYGSPASRYVQKLPMI GRTGRPARRWALSDYSLYLPL

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001177798

ORF Size: 1794 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_001177798.1](#), [NP_001171269.1](#)

RefSeq Size: 2366 bp

RefSeq ORF: 1797 bp

Locus ID: 225895

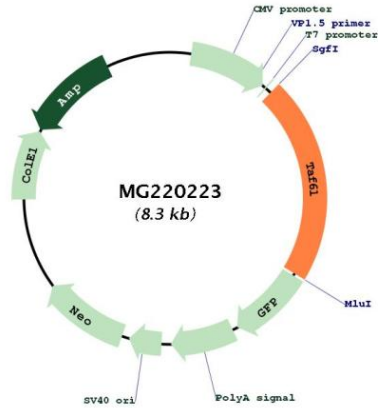
UniProt ID: [Q8R2K4](#)

Cytogenetics: 19 A

Gene Summary:

Functions as a component of the PCAF complex. The PCAF complex is capable of efficiently acetylating histones in a nucleosomal context. The PCAF complex could be considered as the human version of the yeast SAGA complex (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG220223