

Product datasheet for **MG209448**

Taf6l (NM_146092) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf6l (NM_146092) 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:

>MG209448 representing NM_146092
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAAAGTTCCACCGGGCCATGTCAGAACGAGAGGAGAGGAGTTTGTGGAGATCCCTCGGGAGTCGG
 TCCGGCTCATGGCAGAGAGCACAGGTCTAGAGCTGAGTGACGAGGTGGCCGCTCTGCTCGCTGAAGATGT
 GTGCTACCGTCTCCGAGAGGCCACACAGAATAGCTCTCAATTCATGAAACACACCAAACGAAGGAAAGCTG
 ACGGTGGAGGACTTCAACAGGGCTCTCAGGTGGAGCAGCGTGGAGGCTGTGTGTGGCTATGGGTCCCAGG
 AGGCATTGCCCTTGCGCCCTGCAAGGGAGGGTGTCTCTACTTCCCGAGGATCGAGAAGTGAGCCTGGT
 GGAGCTGGCACTAGCCACCAACATCCCCAAGGGCTGTGCAGAGACAGCTGTGAGATTCTGTCTCTAT
 CTGGATGGCAAAGGAACTGGCACCTCAGGGATCAGTCCCAGTGCAGTGTCTTACTGACAGATGACC
 TGCTCAAATACTACCAGCAAGTGACACGGGCTGTACTGGGAGATGACCCACAGCTGATGAAGTTGCCCT
 CCAGGACCTCCAGACAACTCCAAGATTGCAGCACTCCTGCCTACTTTGTTTATGTGGTCAAGTGGGTA
 AAATCTGTAAGCCACGACTGGAACAATGCACCGACTACTGCAGGTGGCAAGGAGCCTGATACGGAACC
 CACACCTGTGCTTGGGACCCATGTCCGATCCTTGGTGGGACGCTGCTTACTGTGCTTGGAGCCACT
 GGCCGCCCTCCATCAACCTTTGAATGACCACTGGACTCTGCGAGATGGGGCTGCCCTTCTACTCAGTCAC
 ATATTCTGGACGCATGGAGACCTTGAAGTGGCCTGTATCAGCAGATTCTGCTGTCCCTGCAGAAGGTCC
 TGACAGACCCTGTTGGCCTCTCTGTTCTACTATGGGGCAGTGGTGGGGCTGCATGCTCTAGGCTGGAA
 GGCAGTGGAGCGAGTCTCTACCCACATCTGCCACTTACTGGACAACTTGCAAGCTGTGCTGGATGAC
 TATTCGATCTAATGCCAGGTCAAAGCGGACGGCACAAAGTGTATGGAGCCATTCTGGTGGCCGTAG
 AACGACTATTGAAGATGAAAGCTCAGGCAGCAGGCCAACCCGGTGGCCTTGGCGGGAGAGGATACCG
 TCCTGCGGAGGACTGCCTTGGGACAGCCTTCTCCTACAAGAATCTCCCCCGGGGCGAGCTCCGAAACA
 GGTTTTGGTCTGGTCTCCCGCCACCATCAGGGTTGCGGGACCAGAGGACCCCTTCTCCTTGACCTGG
 CAGACATCTACCGTGAGCTATACTCCTTCTTGGTACAGCTTGGCCACTCGCTTGGCACTGGCCAGCC
 TGCTCCCACGGCCCCGACCACCCGGAGACAAGAAGGAGCCTGCGGCTGCCCGGATTCCGTGCGGAAA
 ATGCCGAGCTGACTGCCAGCGCGTGGTACGCCCTCAGGGTACGAAAGCCCGTGGCGTGGGACTCTCG
 CCACCGCCACCGCCCTCGGAGAGCAGGCCGCTACCGCGGTACACCGGGCGGGGTGCTCCTCGTCA
 GCAGGGCCCCGGCGGGAAACGCGAGACGCTTCCAGAAGAGCCGCTTCCGCGCCCGTGGCGCCCCACAC
 TTCGGTTTATAATCGCAGGGCGTCAAGCCGGCGCGCTGCCGCGGGCGCTTTCAAAGTGCCTTTC
 CTGCCCATATGGGCCAGCCCGCGTCCCGCTACGTGCAAGAAGCTGCCATGATCGGCCGTACCGGCCG
 CCCGGCCCCGCGTGGGCGCTCTCCGACTACTCGCTGTACCTGCCGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG209448 representing NM_146092
 Red=Cloning site Green=Tags(s)

MQSSTGAMSEREERRFVEIPRESVRLMAESTGLELSDEVAALLAEDVCYRLREATQNSSQFMKHTKRRKL
 TVEDFNRLRWSSVEAVCGYGSQEALPLRPAREGDLFPEDREVSLVELALATNIPKGAETAVRVHVS
 LDGKGNLAPQGSVPSAVSSLTDDLLKYYQVTRAVLGDDPQLMKVALQDLQTNKIAALLPYFVYVYVSGV
 KSVSHDLQLHRLQLVARSLIRNPHLCLGPYVRSLVGSLVYCVLEPLAASINPLNDHWLTDGAALLLSH
 IFWTHGDLVSLYQQILLSLQKVLTDVPRPLCSHYGAVVGLHALGWKAVERVLYPHLPTYWTNLQAVLDD
 YSVSNAQVKADGHKVGAILVAVERLLKMQAAEPPNRGGLGGRGYRPAEDLPWDSLLLQESPPGGSSET
 FFGSGLPPPSGVAGPEDPSSLTADIIRELYSFFGDSLATRFGTGQPAPTAPRPPGDKKEPAAAPDSVRK
 MPQLTASAVVSPQGDSPCGTLATATAASESRPLPRVHRARGAPRQQGPGAGTRDVFQKSRFAPRGAPH
 FRFIIAGRQAGRRCRGLFQTAFPAPYGPSPASRYVQKLPIMIGRTGRPARRWALS DYSLYLPL

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_146092

ORF Size: 1869 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_146092.2](#), [NP_666204.2](#)

RefSeq Size: 2203 bp

RefSeq ORF: 1872 bp

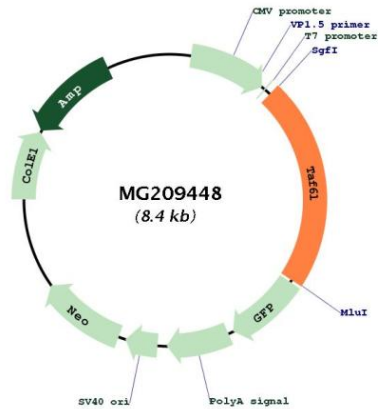
Locus ID: 225895

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 MG209448