

Product datasheet for **MR209187**

Taf5l (NM_133966) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Taf5l (NM_133966) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Taf5l
Synonyms:	1110005N04Rik; A1849020
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209187 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAACGAGTGGCAGCGGAGCAGGTTCAAGTGGCAGTGTCTGTACTCTCAAACGCCGGCAGTACGTAG
 ACTCAGAAGGCCCTTTGAAGCAAGGCCTGAGACTCTCACAGACCCTGAGGAGATGGCAGCCAACCTCAC
 AGTCCAATCAGAACTCTGTTGTGCCAATGCGGTGTCTGCAGCCCCATGCCAGGCAGAGCCCCAGCAGTAT
 GAAGTGCAGTTTGGACGCCTGAGGAGCTTTCTCACCGATTCTGACTCCCAGTACAGCCGTGAAGTTATGC
 CTCTCTCTACCTCTCTTTGTCTACCTCCACCTCAACCTGGTCCAGAGTGGCCCTAAGAGCACCGTGGAA
 AAGCTTCTATAGCCGCTCCATGGGATGTTCTGCAGAATGCAAGTCAAGAGGACGTCATCGAGCAGCTG
 CAGACCACACAGACCATCCAGGACATTCTGTCAAACCTCCAGCTTCGTGCATTCTGGACAACAAGTATG
 TCGTCCGTCTCCAGGAAGATAGTACAATTACCTTATCCGCTACCTCAAAGCGACAACAACACTGCCCT
 GTGCAAAGTGCTTCCCGTGCACATTCACCTAGACGTGCAGCCTGCCAAGAGGACAGACTACCAGCTGTAC
 GCCAGCGTGGCTCCTCCCGACTGAGAACAGCAGCCTGGAGCCGCCAGAGGTGCCAGCCCTATTCTGC
 AGAATGAGGCTGCCCTGGAAGTCTTGCAGGAGAGTATCAAGCGGGTCAAGGATGGACCTCCCTCCCTCAC
 CACCATCTGCTTCTATGCCTTCTATAACACGGAACAGCTGCTGAATACTGCAGAGATCTCTCCGATAGC
 AAAGTCTGGCTGCTGGGTTTGACAACCTCTGCATAAACTCTGGAGCTTGGCATCCAAAAGCTGAAAT
 CAGAGCCCCACCATGTGGACACATCCCGGATCCGTCTAGCTTGTGACACTCTGGAGGAGGAGGAGAATGA
 AGAAGATAACAGGCACAGAGATGAAGATTCTGCGGGGACACTGTGGCCAGTATACAGCACACGGTTC
 CTTGCAGACAGCTCAGGGCTGCTCTCTTGTCTGAAGATATGTCCATCAGATACTGGGACCTGGGAGCT
 TCACCAACACTGTGCTGTATCAGGGACATGCCTACCCTGTGTGGGACGTGGACATCAGCCCTTTCAGCCT
 GTACTTTGCCAGTGGATCCCATGACCGTACCGCCAGGCTGTGGTCTTTTGTATCGGACGTACCCGCTGAGG
 ATATATGCAGGACACCTGGCAGATGTGGACTGTGTCAAATTCACCCCAACTCAAACACTTAGCTACAG
 GGTCCACTGACAAAACCTGTTCCGGCTATGGAGTGGCCAGCAGGGAACTCGGTGCGGCTCTTACAGGTCA
 CCGAGGCCCGTCTCCCTCTCTTTTCTCCCAATGGTAAGTACTTGGCATCTGCTGGTGGAGACCAG
 CGGTTAAAGTTGTGGGACTTGGCTCTGGGACACTTTTTAAAGAAGTGGAGGCCACACGGACAGCATCA
 CCAGTCTGGCCTTAGCCCGGACAGCGTCTGATTGCTTCTGCCTCCATGGACAACCTCCGTGCGTGTCTG
 GGACATCAGAAGCACGTGCTGCAACACACCTGCTGACGGCTCTCAGGTGAGCTTGTGGCGTGTACTACT
 GGGCAGATGAGCAACGTCTGAGTGTACAGTTCATGGCTTGAACCTCCTCTGGTGACTGGAATCACAC
 AAGAGAATCAAGAACAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209187 protein sequence
 Red=Cloning site Green=Tags(s)

MKRVRTQVQVAVSCYLKRRQYVDSEGLKQGLRLSQTPEEMAANLTVQSESGCANAVSAAPCQAEPPQY
 EVQFGRLRSFLTDSQSYSREVMPLLYPLFVYLHLNLVQSGPKSTVESFYSRFGHMFQNASQKDVIEQL
 QTTQTIQDILSNFQLRAFLDNKYVVRLLQEDSYNYLIRYLQSDNNTALCKVLAVHIHLDVQPAKRTDYQLY
 ASGGSSRTENSSLEPPEVPSPIIQNEAALEVLQESIKRVKDGPPSLTTICFYAFYNTEQLLNTAEISSDS
 KLLAAGFDNSCIKLWLSRKKLSEPHHVDTSRIRLACDTLEEEENEEDNTGTEMKILRGHCGPVYSTRF
 LADSSGLLSCSEDMSIRYWDLGSTNTVLYQGHAYPVWDVDISPFSLYFASGSHDRARLWSFDRTYPLR
 IYAGHLADVDCVKFHPNSNYLATGSTDKTVRLWSAQQGNVRLFTGHRGPVLSLFSFSPNGKYLASAGEDQ
 RLKLDLASGTLFKELRGHTDSITSLAFSPDSGLIASASMDNSVRVWDIRSTCCNTPADGSSGELVGVYT
 GQMSNVLVQFMACNLLLVTGITQENQEH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_133966

ORF Size: 1770 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_133966.3](#)
RefSeq Size: 2893 bp

RefSeq ORF: 1770 bp

Locus ID: 102162

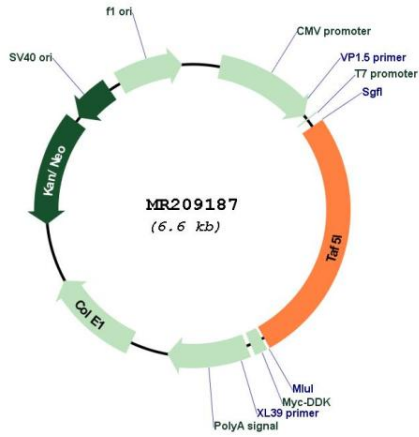
UniProt ID: [Q91WQ5](#)

Cytogenetics: 8 E2

MW: 65.9 kDa

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 MR209187