

## Product datasheet for **MG216730**

### Taf7l (NM\_028958) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Taf7l (NM_028958) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Taf7l
Synonyms:	4933438I11Rik; Taf2q
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG216730 representing NM\_028958  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGCGCGCGGAGGAAGCACCCACTGAGGGAGCTCCGCCTGAGGGGGCTTTGGTGGAGGCCAAAGCCC  
 CGGTTATTCCTGAAGCCCCCGCTACAGATGTTTCGACAACCGAAGAAGCGGGCTCCAAGAGCCCCAGGT  
 CCCTTCGGCCCTCGTCCGAAGGTGCTGGGGACACTTGTGACACCCGAGGGGCTCGAGGCCACCGACT  
 CCCGGCAGGGCCAAGTCTCAGAAGACCCCCGCCAGGGCACTGCTCGCTGCCAGACCCTCGAGAGTGCCA  
 TGCGATCCATGAGTGAAGGCTTGAATGTCATGACGTTGAGGAACAGTTTATATTGCGTCTGCCTCCGGA  
 ACAAGCTTATGCTGTGAGGAAAATTATACATTCTAGAAATGCTGCTTGGAAAGATAAACTAAAAATTGAC  
 TTTTCTCCTGATGGCCACCATGCGGTTGTTCAAGTAGACAACGCTCACTGCCTGCTAACTGGTTAATC  
 TGCCTTGTGTTATCGGAAGCCTGAAAATATTGACAGAAAAGACATTTTATAAGACCGGGATGTTTCTCA  
 GATGCTTGTATGCAGTCTGAAGGTGAGCCTCATTCTCCTCCTGAAGAACCAGTTGTCTCTACTGGTCTCT  
 ACTGTAATTGGAATTAGTGAAGGGAAGGCAGAGAGAAAAAATAAAGTGAAGCATGGCATTACTCCAC  
 CACTTAAGAATGTCAGAAAGAAAAGTTCCGGAAAAACAACAAAAAGCTCCAGATGTGAAACAAGTGGA  
 TGAAATCAACTTGTAGTACACTCAATCTCCAAGTGTGAAAAAGAAGTGAAGAGACTGCTCTACTCA  
 GATGCTGAAGCTGTCAGTGTCCGCTGGGAAGTCGTTGATGATGATGATGCTAAGGAAATAGAAAGTCAAG  
 GGTCCATGCCAACCACTCCAGGAATCTCACAGATGGGTGGTGTAGTTTATCAGACTATGATGTGTTTCG  
 GGAGATGATGGGTGATTCTGGCAGCAACAGTAATGATGTGGAAGAGAAGAGTAATGAAGGTGACGACGAT  
 GATGATGAAGATGAAGATGATGAAGACTATGAAAATGAAAAGGAGGAGGAAGAGACAGACAATTCTGAAG  
 AGGAGTTAGAGAAGGAGCTGCAGGCCAAATTTAATGAATTTAGCCTCCATGAAGCAGACCAAGATTCTAAG  
 TTCAATAACCATGGCAATTCAGAAAATGATTTTTATCAAAGAAAAGAGGCTCCAGATGATTTATAAAAAA  
 GCCCAGCGACAGAAAGAACTCCTCAGGAAAGTGGAAAATGACCTCAAGAGACATTTCCAGAATGTTT  
 TGGGGAAGCTTAACATAATGAAAAAGAGAAGTGTGAACAGATTTATCACCTCCAGGAACAACCTGAAATG  
 TTTCTGAAGGAG

**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA**

**Protein Sequence:**

>MG216730 representing NM\_028958  
 Red=Cloning site Green=Tags(s)

MERGEEAPTEGAPPEGALVEAKAPVIPEAPATDVSTTEEAGSKEPQVPSGPRPEGAGDTCDRGARGPPT  
 PGRAKSQKTPRQGTARCQTLESAMRSMVRLCHDVEEQFILRLPPEQAYAVRKIIHSRNAAWKDKLKID  
 FSPDGHHAVVQVDNVSLPAKL VNLPCVIGSLKTIDRKT FYKTADVSQMLVCSPEGEPHSPPEEPVSTGP  
 TVIGISEGKAERKKYNWKHGITPPLKNVRKKRFRKTTKKLPDVKQVDEINFSEYTQSPSVEKEVKRLLYS  
 DAEAVSVRWEVDDDDAKEIESQGSMPPTPGISQMGASLSDYDVFREMMGDSGNSNDVEEKSNEGDDD  
 DDEDEDDEDYNEKEEEEEDNSEEELEKELQAKFNEFSLHEADQDYSSITMAIQKLIFIKEKRLQMIYKK  
 AQRQKELLRKVENLTLKRHFQNVLGKLNIMEKEKCEQIYHLQEQLKCFLE

**TRTRPLE - GFP Tag - V**

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_028958

**ORF Size:** 1413 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\\_028958.4](#), [NP\\_083234.2](#)

**RefSeq Size:** 1935 bp

**RefSeq ORF:** 1416 bp

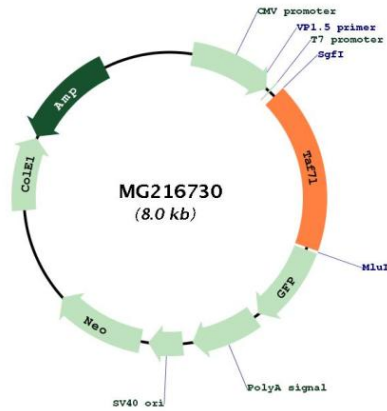
**Locus ID:** 74469

**UniProt ID:** [Q9D3R9](#)

Cytogenetics: X E3

Gene Summary: Probably functions as a spermatogenesis-specific component of the DNA-binding general transcription factor complex TFIIID, a multimeric protein complex that plays a central role in mediating promoter responses to various activators and repressors. May play a role in spermatogenesis.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG216730