

Product datasheet for **RG208161**

TAF7L (NM_024885) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF7L (NM_024885) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TAF7L
Synonyms:	CT40; TAF2Q
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG208161 representing NM_024885
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGTGCCCGAGGGACAGCTCCCCATTTCTCAGAAAATGATTCAACACCAACAGTTTCAACATCGG
 AAGTAAGTAGCCAACAAGAACCCCAAATTCCTGTGCGACCGTGGGTCTGAAACCACCTATGAAAGCAGCGC
 CGACATTGCTGGCGACGAAGGCACCCAGATTCTGCCGACGAGGACACTCAAACGGATGCGGACAGCAGC
 GCCCAGGCTGCTGCCAGGCCCCAGAAAATTCCAGGAAGGGAAGACATGAGTGAAGCCAGGATGAAG
 TTCCTGATGAAGTTGAGAACCAGTTTATATTGCGTCTGCCTCTGGAACATGCTTGTACTGTCAGGAACCT
 AGCACGTTCTCAAAGTGTCAAGATGAAGGATAAACTAAAAATTGACTTATTGCCTGATGGGCGCCATGCA
 GTTGTGAAGTAGAAGATGTCCACTAGCTGCTAAGCTGGTTGACTTGCCTTGTGTTATTGAAAGCCTGA
 GAACGCTTGATAAAAAACCTTTTATAAAAACAGCAGACATTTCTCAGATGCTTGTGTGACTGCTGATGG
 TGATATCCACCTTCTCCAGAAGAACCAGCTGCCTCTACTGATCCTAATATAGTCAGGAAAAAGAAAGG
 GGGAGAGAAGAAAAATGTGTCTGGAAGCATGGCATTACGCCACCCTTAAGAATGTCAGAAAAAGAAAGT
 TCCGAAAAACACAAAAAAGGTCCTGATGTCAAAGAAATGGAAGAAAGCAGCTTACTGAGTACATTGA
 ATCTCCAGACGTGAAAAATGAAGTAAAGAGACTGCTGCGTTCGGATGCTGAAGCCGTAAGTACCCGTTGG
 GAAGTCATTGCTGAAGATGGAACCAAGGAAATAGAAAAGTCAAGGCTCCATCCCAGGATTTTTGATATCCT
 CGGGAATGAGCAGCCACAAGCAGGGTCATACCTCGTCAGAATATGATATGCTTCGGGAGATGTTCAAGTGA
 TTCTAGAAGTAAACATGATGATGATGAGGATGAGGATGATGAAGATGAGGATGAGGATGAGGATGAGGAT
 GAAGATGAAGCAAAAGAAGAGGAGGAGGAAGATTGTTCTGAAGAGTATCTGGAAGGCAGCTGCAGGCCG
 AGTTTATTGAATCTGGCCAGTATAGGGCAAATGAAGGTACCAGTTCAATAGTCATGGAAATTCAGAAGCA
 GATTGAGAAAAAGGAGAAAAAGCTCCATAAAGATTCAGAATAAAGCACAAAGACAGAAAGGATCTCATCATG
 AAAGTGGAAAAACCTGACACTCAAGAATCATTTTTCAGTCTGTGCTGGAGCAGCTTGAGTTACAGAAAAAC
 AAAAAATGAGAAGCTCATTTCCCTACAGGAACAGTTGCAGCGTTTTCTGAAGAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG208161 representing NM_024885
 Red=Cloning site Green=Tags(s)

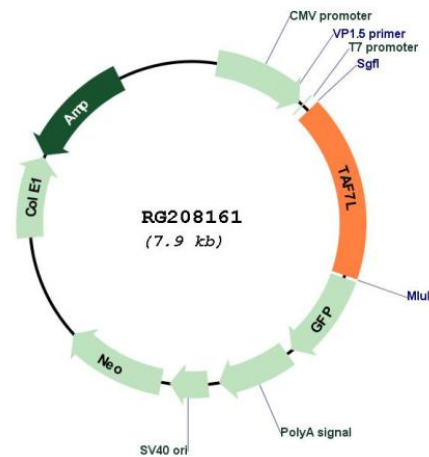
MECPEGQLPISSENDSTPTVSTSEVTSQQEPQILVDRGSETTYESSADIAGDEGTQIPADEDQTQDADSS
 AQAAAQAPENFQEGKDMSESQDEVPDEVENQFILRLPLEHACTVRNLARSQSVKMKDKLKIDLLPDGRHA
 VVEVEDVPLAAKLVLDLPCVIESLRTLDKKTFYKTDADISQMLVCTADGDIHLSPEEPAASTDPNIVRKKER
 GREEKCVWKHGITPPLKNVRKKRFRKTQKKVDPVKEMEKSSFTEYIESPDVENEVKKLLRSDAEAVSTRW
 EVIAEDGTKEIESQGSIPGFLISSGMSSHKQGHTSSEYDMLREMFSDSRSNDDDEDEDEDEDEDEDEDE
 EDEDKEEEEDCSEELYERQLQAEFIESGQYRANEGTSSIVMEIQKQIEKKEKHLKHIQNKARQKDLIM
 KVENLTLKNHFQSVLEQLLELQEKQKNEKLISLQEQLRFLKK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_024885

ORF Size: 1386 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:	<ol style="list-style-type: none">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_024885.4
RefSeq Size:	2371 bp
RefSeq ORF:	1389 bp
Locus ID:	54457
UniProt ID:	Q5H9L4
Cytogenetics:	Xq22.1
Protein Families:	Transcription Factors
Protein Pathways:	Basal transcription factors
Gene Summary:	This gene is similar to a mouse gene that encodes a TATA box binding protein-associated factor, and shows testis-specific expression. The encoded protein could be a spermatogenesis-specific component of the DNA-binding general transcription factor complex TFIID. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2009]