

Product datasheet for **RG208489**

TAF15 (NM_139215) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF15 (NM_139215) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TAF15
Synonyms:	Npl3; RBP56; TAF2N; TAFII68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG208489 representing NM_139215
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGATTCTGGAAGTTACGGTCAGTCTGGGGTGAGCAGCAAAGTTATTCTACCTATGGAAATCCAG
 GCAGCCAAGGCTATGGACAAGCATCACAAAGCTATTCTGGCTATGGGCAAACGACTGATTCTTATGG
 ACAGAACTACAGCGTTACTCCAGTTATGGACAAAGTCAGTCAGGTTATTACAGTCCTATGGTGGTTAT
 GAGAATCAAAGCAGAGCTCATATAGCCAGCAACCATATAATAACCAGGGACAGCAGCAAACATGGAAT
 CATCAGGAAGCCAAGGTGGAAGAGCACCTTCTATGACCAGCCAGACTATGGTCAACAAGATTCATATGA
 CCAGCAGTCAGGCTATGATCAACATCAAGGCTCATATGATGAGCAGTCAAATTATGATCAGCAGCATGAT
 TCCTATAGTCAAACCAGCAGTCTATCATTACAAAAGGGAAAACACAGCCACCACACAAGATGACC
 GTCGTGATGTGAGTAGGTATGGAGAAGATAATAGAGGATATGGCGGGTACAGGGAGGAGGTAGAGGGCG
 TGGGGGATATGACAAGGATGGAAGAGTCTATGACAGGATCAAGTGGTGGTACCGCGGTGGCTTCAA
 AATTTTGGTGGTACAGGGATTATGGACCAGAACAGATGCTGATTCAGAATCTGATAATTCAGATAACA
 ACACAATCTTTGTGCAAGGACTTGGGGAGGGTGTGTCTACAGATCAAGTTGGGGAGTTCTTTAAACAAAT
 AGGAATTATCAAGACAAATAAGAAGACCGGAAAACCAATGATAAATCTTTATACAGACAAGGACACAGGA
 AAGCCAAAGGGGAGGCAACAGTGTCAATTTGATGACCCTCTTCAGTAAAGCAGCCATTGACTGGTTTG
 ATGGAAAAGAATCCATGGCAACATCATTAAAGTGTCTTTGCCACTAGAAGACCTGAATTCATGAGAGG
 AGGTGGAAGTGGAGTGGCGCGGAGGCCGTGGAGGATATAGAGGTCGTGGAGGCTTTCAAGGGAGAGGT
 GGAGACCCAAAAGTGGGATTGGGTTTGCCTAATCCGTCATGCGGAAAATGAACTTTGCTCGAAGGA
 ATTCTGCAATCAGTGAATGAGCCTAGACCAGAGGACTCTGTCCTCAGGAGGATTTCCGGGGGAG
 AGGCTACGGTGGAGAGAGGGGCTACAGAGGTCGTGGGGGACAGAGGTGGAGACCGAGGCGGCTATGGTGA
 GACAGAAGTGGGGTGGCTATGGTGGAGACAGAAGCAGCGGTGGTGGCTACAGCGGAGATAGAAGTGGGG
 GCGGCTATGGTGGAGACAGAAGTGGGGTGGCTATGGTGGGGACAGAGCGCGGCTATGGTGGGGACAG
 AGGAGGCGGCTATGGAGGAGACCGAGGAGGTGGCTATGGAGGAGATCGAGGTGGCTATGGAGGAGACCGA
 GGTGGAGGCTATGGTGGAGACCGAGGAGGCTATGGAGGAGATCGAGGAGGTTATGGAGGAGATCGAGGAG
 GTTATGGAGGAGATCGAGGAGGCTATGGAGGAGACAGAAGCCGGGGGGCTATGGAGGAGACCGTGGTGG
 TGGCAGTGGCTACGGTGGAGACCGAAGTGGAGGCTATGGAGGAGACAGGAGTGGTGGCGGCTATGGAGGA
 GACCGAGGTGGGGCTACGGAGGAGACCGAGGTGGCTATGGAGGCAAAATGGGAGGAAGAACGACTACA
 GAAATGATCAGCGCAACCGACCATAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG208489 representing NM_139215
 Red=Cloning site Green=Tags(s)

MSDSGSYGQSGGEQQSYSTYGNPGSQYQASQSYSGYGQTTDSSYQNYSGYSSYQSQSGYSQSYGGY
 ENQKQSSYSQQPYNNQGGQQNMESSGSQGGRAPSYDQPDYQQDSYDQQSGYDQHQSDEQSNYDQQHD
 SYSQNQQSYHSQRENYSHHTQDDRRDVSRYGEDNRYGGSQGGRRGGYDKDRGPMTGSSGGDRGGFK
 NFGGHRDYGPRTDADSESDNSDNTIFVQGLGEGVSTDQVGEFFKQIGIKTKNKTGKPMINLYTDKDTG
 KPKGEATVSFDDPPSAKAAIDWFDGKEFHGNIKVSFATRPFMRGGSGGRRRGGYRGGGFQGRG
 GDPKSGDWVCPNPSCGNMNFARRNSCNQCNEPRPESRPSGGDFRGRGYGGERGYRGRGGDRGGYGG
 DRSGGGYGGDRSSGGYSGDRSGGGYGGDRSGGGYGGDRGGYGGDRGGYGGDRGGYGGDRGGYGGDR
 GGGYGGDRGGYGGDRGGYGGDRGGYGGDRGGYGGDRSGGGYGGDRSGGGYGGDRSGGGYGGDR
 DRGGYGGDRGGYGGKMGRRNDYRNDQRNPY

TRTRPLE – GFP Tag – V

Chromatograms:

https://cdn.origene.com/chromatograms/ja2113_h05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_139215

ORF Size: 1776 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_139215.1, NP_631961.1](#)

RefSeq Size: 2153 bp

RefSeq ORF: 1779 bp

Locus ID: 8148

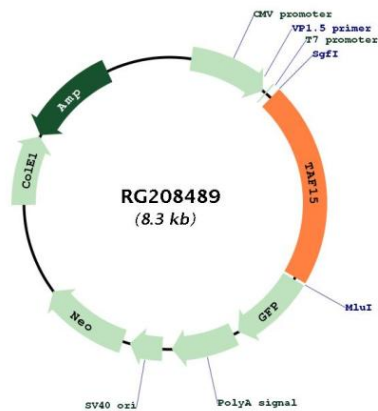
UniProt ID: [Q92804](#)

Cytogenetics: 17q12

Protein Families: Druggable Genome

Gene Summary: This gene encodes a member of the TET family of RNA-binding proteins. The encoded protein plays a role in RNA polymerase II gene transcription as a component of a distinct subset of multi-subunit transcription initiation factor TFIID complexes. Translocations involving this gene play a role in acute leukemia and extraskeletal myxoid chondrosarcoma, and mutations in this gene may play a role in amyotrophic lateral sclerosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

Product images:



Circular map for RG208489