

Product datasheet for **RC208489**

TAF15 (NM_139215) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF15 (NM_139215) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TAF15
Synonyms:	Npl3; RBP56; TAF2N; TAFII68
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC208489 representing NM_139215
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGTCGGATTCTGGAAGTTACGGTCAGTCTGGGGTGAGCAGCAAAGTTATTCTACCTATGGAAATCCAG
 GCAGCCAAGGCTATGGACAAGCATCACAAAGCTATTCTGGCTATGGGCAAACGACTGATTCCTCTTATGG
 ACAGAAGTACAGCGTTACTCCAGTTATGGACAAAGTCAGTCAGGTTATTCACAGTCCTATGGTGTTAT
 GAGAATCAAAAGCAGAGCTCATATAGCCAGCAACCATATAATAACCGAGGACAGCAGCAAAACATGGAAT
 CATCAGGAAGCCAAGGTGGAAGAGCACCTTCTATGACCAGCCAGACTATGGTCAACAAGATTCATATGA
 CCAGCAGTCAGGCTATGATCAACATCAAGGCTCATATGATGAGCAGTCAAATTATGATCAGCAGCATGAT
 TCCTATAGTCAAAACCAGCAGTCCTATCATTACAAAAGGGAAACTACAGCCACCACACACAAGATGACC
 GTCGTGATGTGAGTAGGTATGGAGAAGATAATAGAGGATATGGCGGGTCACAGGGAGGAGGTAGAGGGCG
 TGGGGGATATGACAAGGATGGAAGAGGTCTATGACAGGATCAAGTGGTGGTACCGCGGTGGCTTCAAA
 AATTTTGGTGGTCACAGGATTATGGACCCAGAACAGATGCTGATTTCAGAAATCTGATAATTCAGATAACA
 ACACAATCTTTGTGCAAGGACTTGGGGAGGGTGTGTCTACAGATCAAGTTGGGGAGTTCTTTAAACAAAT
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 GACCGAGGTGGGGCTACGGAGGAGACCGAGGTGGCTATGGAGGCAAAATGGGAGGAAGAAACGACTACA
 GAAATGATCAGCGCAACCGACCATAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208489 representing NM_139215
 Red=Cloning site Green=Tags(s)

MSDSGSYGQSGGEQQSYSTYGNPGSQGYGQASQSYSGYGQTTDSSYQNYSGYSSYGQSQSGYSQSYGGY
 ENQKQSSYSQQPYNNQGGQQNMESSGSQGGGRAPSYDQPDYGGQDSYDQQSGYDQHQSDEQSNYDQQHD
 SYSQNQQSYHSQRENYSHHTQDDRRDVSRYGEDNRYGGSQGGGRGRGGYDKDGRGPMTGSSGGDRGGFK
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 GDPKSGDWVCPNPSCGNMNFARRNSCNQCNEPRPEDSRPSGGDFRGRGYGGERGYRGRGGRGGDRGGYGG
 DRSGGGYGGDRSGGGYSGDRSGGGYGGDRSGGGYGGDRSGGGYGGDRSGGGYGGDRSGGGYGGDRSGGGYGG
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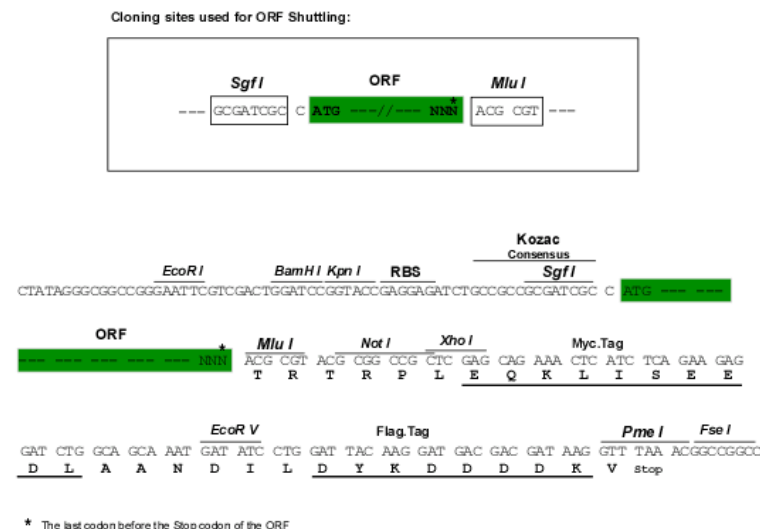
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1848_b09.zip

Restriction Sites: Sgfl-MluI

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_139215.3](#)

RefSeq Size: 2153 bp

RefSeq ORF: 1779 bp

Locus ID: 8148

UniProt ID: [Q92804](#)

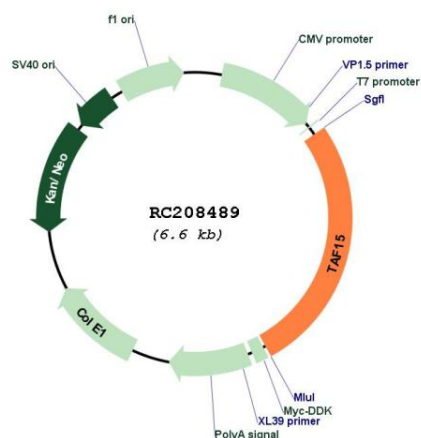
Cytogenetics: 17q12

Protein Families: Druggable Genome

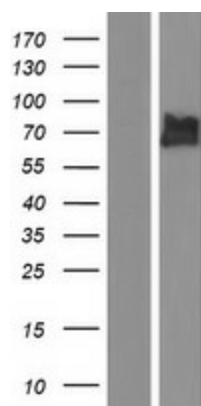
MW: 61.6 kDa

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 RC208489



Western blot validation of overexpression lysate (Cat# [LY408359]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208489 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).