

Product datasheet for **RC224515**

TAF6 (NM_139123) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TAF6 (NM_139123) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TAF6
Synonyms:	DKFZp781E21155; MGC:8964; TAF(II)80; TAF2E; TAFII70; TAFII80; TAFII85
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC224515 representing NM_139123
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGGAGAAGAAGCTGAAGCTTAGCAACACTGTGCTGCCCTCGGAGTCCATGAAGTGGTGGCTG
 AATCCATGGGCATCGCCAGATTCAGGAGGAGACCTGCCAGCTGCTAACGGATGAGGATGCCTTGAAGTT
 CATGCACATGGGGAAGCGGCAGAAAGCTCACACCAGTGACATTGACTACGCCTTGAAGCTAAAGAATGTC
 GAGCCACTCTATGGCTTCCACGCCAGGAGTTCATTCTTTCCGCTTCGCCTCTGGTGGGGCCGGGAGC
 TTTACTTCTATGAGGAGAAGGAGGTTGATCTGAGCGACATCATCAATACCCCTCTGCCCCGGTGCCCT
 GGACGTCTGCCTCAAAGCTCATTGGCTGAGCATCGAGGGCTGCCAGCCAGCTATCCCCGAGAACCCGCC
 CCAGCTCCCAAAGAGCAACAGAAGGCTGAAGCCACAGAACCCTGAAGTCAGCCAAGCCAGGCCAGGAGG
 AAGACGGACCCCTGAAGGGCAAAGGTCAAGGGGCCACCACAGCCACGGCAAAGGGAAAGAGAAGAAGGC
 GCCGCCCTTGCTGGAGGGGGCCCTTGGGACTGAAGCCCGGAGCATCCACGAGTTGTCTGTGGAGCAG
 CAGCTCTACTACAAGGAGATCACCGAGGCTGCGTGGGCTCCTGCGAGGCCAAGAGGGCGGAAGCCCTGC
 AAAGCATTGCCACGGACCTGGACTGTATCAGATGCTGCCACGGTTCAGTACCTTATCTCGGAGGGGT
 CCGTGTGAACGTGGTTCAGAACAACCTGGCCCTACTCATCTACCTGATGCGTATGGTGAAGCGCTGATG
 GACAACCCACGCTCTATCTAGAAAAATACGTCCATGAGCTGATTCCAGCTGTGATGACCTGCATCGTGA
 GCAGACAGTTGTGCTGCGACCAGATGTGGACAATCACTGGGCACTCCGAGACTTTGCTGCCCGCCTGGT
 GGCCAGATCTGCAAGCATTTTAGCACAACTAACAAACATCCAGTCCCGGATCACCAAGACCTTACC
 AAGAGCTGGTGGACGAGAAGACGCCCTGGACGACTCGTTATGGCTCCATCGCAGGCTTGCTGAGCTGG
 GACAGGCCCTGTGCTGAGCAACATTGACCGGATTGGAGCAGACCATGTGCAGAGCCTCCTGCTGAAACAC
 TGTGCTCCTGTTCTGGCAAAGCTGCGCCACCGCCTGACAATCAGGACGCCTATCGGGCAGAATTCGGT
 CCCTTGGGCCCTCCTCTGCTCCAGGTGGTCAAGGCTCGGGCCAGGCTGCTCTGCAGGCTCAGCAGGT
 CAACAGGACCACTCTGACCATCACGCAGCCCCGGCCACGCTGACCCTCTCGCAGGCCCCACAGCCTGGC
 CCTCGCACCCCTGGTTGCTGAAGTTCCTGGCTCCATCGCACTTCTGTCCAGACACTGGTGTCTGCAC
 GAGCGGCTGCCCCACCACAGCCTTCCCCTCCTCCAACCAAGTTTATTGTAATGTCATCGTCTCCAGCGC
 CCCATCCACCCAGCAGTCTGTCCCTCAGCACCTCGGCCCGGCTCAGGTTCCACCACCACTTCGCC
 GTCACCACCACCGTCCCCAGCGTGCAGCCATCGTCAAGTTGGTCTCCACCGCCACCACCGACCCCCCA
 GCACTGCTCCCTCTGGTCTGGAGTGTCCAGAAGTACATCGTGGTCTCACTTCCCCCAACAGGGGAGGG
 CAAAGGAGGCCCCACCTCCCATCTTCTCCAGTTCCTCCCCCGGATCGTCCCCGTCCCCACTCAGCGGC
 AGTGCCCTTTGTGGGGGAAGCAGGAGGCTGGGGACAGTCCCCTCCAGCTCCAGGGACTCCAAAAGCCA
 ATGGCTCCAGCCCAACTCCGGCTCCCCTCAGCCTGCTCCG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC224515 representing NM_139123
Red=Cloning site Green=Tags(s)

MAEKKLKL SNTVLPSESMKVVAESMGIAQIQEETCQLL TDEDALKFMMGKRQKLTTSIDIDYALKLKNV
 EPLYGFHAQEFIPFRFASGGGREL YFYEEKEVDLSDIINTPLPRVPLDVCLKAHWLSIEGCQPAIPENPP
 PAPKEQQKAEATEPLKSAKPGQEEDGPLKKGQGATTADGKGKEKKAPLLEGA PLRLKPRSIHEL SVEQ
 QLYYKEITEACVGSCEAKRAEALQSIATDPGLYQMLPRFSTFI SEGVRVNVVQNNLALLIYLMMVKALM
 DNPTLYLEKYVHELIPAVMTCIVSRQLCLRPDNDNHVALRDF AARLV AQICKHFSTTTNNIQSRITKFTT
 KSWVDEKTPWTTTRYGSIAGLAELGHDVIKTLILPRLQQEGERIRSVLDGPVLSNIDRIGADHVQSLLLKH
 CAPVLAKLRPPDNQDAYRAEFGSLGPLLCSQVVKARAQAALQAQQVNR TLTITQPRPTLTL SQAPQPG
 PRTPGLLKVPGSIALPVQTLVSARAAAPPQSPPTKFI VMSSSSSAPSTQVLSLSTSAPGSGSTTTSP
 VTTTVPSVQPIVKLVSTATTAPPSTAPSGPGSVQKYIVVSLPPTGEGKGGPTSHPSVPVPPASSPSLSG
 SALCGGKQEA GDSPPPAPGTPKANGSQPN S GSPQPAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_139123

ORF Size: 2001 bp

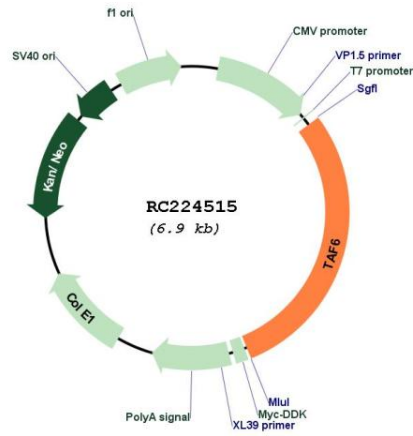
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially 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_139123.1 , NP_620835.1
RefSeq Size:	2707 bp
RefSeq ORF:	2003 bp
Locus ID:	6878
Cytogenetics:	7q22.1
Domains:	TAF
Protein Families:	Transcription Factors
Protein Pathways:	Basal transcription factors
MW:	71.3 kDa
Gene Summary:	<p>Initiation of transcription by RNA polymerase II requires the activities of more than 70 polypeptides. The protein that coordinates these activities is transcription factor IID (TFIID), which binds to the core promoter to position the polymerase properly, serves as the scaffold for assembly of the remainder of the transcription complex, and acts as a channel for regulatory signals. TFIID is composed of the TATA-binding protein (TBP) and a group of evolutionarily conserved proteins known as TBP-associated factors or TAFs. TAFs may participate in basal transcription, serve as coactivators, function in promoter recognition or modify general transcription factors (GTFs) to facilitate complex assembly and transcription initiation. This gene encodes one of the smaller subunits of TFIID that binds weakly to TBP but strongly to TAF1, the largest subunit of TFIID. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]</p>

Product images:



Circular map for RC224515