OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC318731

TAF3B1 (BDP1) (NM_018429) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: TAF3B1 (BDP1) (NM_018429) Human Untagged Clone

Tag: Tag Free

Symbol: TAF3B1

Synonyms: DFNB112; HSA238520; TAF3B1; TFC5; TFIIIB'; TFIIIB90; TFIIIB150; TFNR

Vector: pCMV6 series

Fully Sequenced ORF:

>NCBI ORF sequence for NM_018429, the custom clone sequence may differ by one or more nucleotides

ATGTTCCGCAGGGCACGCCTTAGCGTGAAGCCGAATGTCAGGCCTGGTGTAGGCGCCAGG
GGCTCCACAGCTTCCAATCCCCAGCGTGGACGGGAGTCTCCCAGGCCGCCGGATCCTGCC
ACGGACTCTGCTTCCAAGCCCGCGGAGCCCACAGATGTGCCCACAGTCGATTTCGGTGGA
GCGGAGCCCCAAGAAAAGGCTCCTAGGAGCAGTACTGAAAAGACTGGTGGTGACAATGAT
GTTGAAGAATCCAGTAGATCTTCCTCTACTGTTTCACAGAGAAGAAAGCGAATATCAAGT
ACTTCTAGCCTGGTTAAGTCTAGTGTCAGTGTTCCTTCAGAATCTCATCCCTTATCTACA
ATTAATCAAGAGGCTCCACAGCCAACTGCCACTTCAACAAAAGAGAAACAGCCATGCTCA
GACAGATACCGAATATACAAAGCCCAGAAACTGAGGGAAATGTTAAAAGAAGAATTGAGA
AAAGAGAAGAAACAATGGAAAAACAAATATGCTATAAATGAAAGTCAGAGGCCACCAGAT
CGTTCAAAAATGACTATGAGAGACTTCATATATTATCTACCAGATAATAATCCAATGACT
TCTTCACTGGAACAAGAAAAGAAAACTGAAAAGCCATCGACTCCAGTCCAGACAAGAGAG
CAAGAAGGTAAGAGTACTCCTAATGCTGAAGATAATGAAATGGAAGAAGAGACAGATGAT
GGGCCATTACTGGTTCCTCGAGTAAAAGTGGCAGAAGATGGTTCCATTATTTTGGATGAA
GAAAGTTTAACTGTAGAAGTTTTAAGAACAAAAGGCCCTTGTGTTGTTGAAGAAAATGAC
CCCATATTTGAGCGCGGTTCTACAACTACATACTCCAGCTTTAGGAAAAACTATTACTCT
AAACCATGGTCAAATAAAGAAACAGATATGTTTTTTTTAGCCATCAGCATGGTAGGAACT
GACTTTTCTATGATCGGACAACTTTTTCCTCACAGAGCAAGGATAGAAATTAAGAATAAA
TTTAAACGGGAAGAGAAAACAAATGGATGGAGAATAGACAAAGCATTCCAGGAAAAGCGC
CCTTTTGACTTCGATTTTTTTGCTCATTTGCTTCAGAAAGTTCTTGCTGAAGAAGAGAAA
AGAAAACAAAAATCTGTTAAAAATCACAGTTTAAAGGAGAAGAAATCCACCAAACCACGG
AAAAATGTAAAAGTGAAAAAAGTTGCCTGTGAAGGAGTGAATAATGATCCAGATGAGTCT
ATGAGTTCTAGAATTTCAGACACGGAAAGATCTCAGAAGGATGCTCAGACAGTTGAAGAA
GAGTCTCTGACCTTATCAAGGGAGGATGCAGAGCAGGTTGCATTAGAAGTAGACCTAAAT
CAAAAGAAAAGAAGGAGGAAGAAGCAAGATGGAGCTAATGAACTGGGAGTAAACAATCTT
TTAGAAAATGCCACTGTTCAGGCGGGTCCTTCTAAAGGAGAAAAACACAAGAATAAATGT
CAGGCTATAAGGCCTGAGCTAAAGGAAGGTGAATGCAGTAAGGAGCAGATGCTTTCCTGC
ACACAAAACATAGATGGCATTGTGGGTTTTGCCTCCACTGAAAAAGTTGAGAAAAGAACT
GACCCCATCCTTTCATTAAGTAATCAACAAGATGCCACATCAGTAGCAACTGAGTCTTCA
GAATCAAGCACTTCAGATTTGCCTTCATTCGAAGTTGGAATTAGAGCATTGTGTGAGGTG

View online »

AATAATGCTGAGGGTAGTTGTATAGAAGAAAGAAATGTTGACCTAAAAAATAATTCACTG
GAAATTGATCAAACAGAAAATGTTAAACCAATGTTGAGAGGTCGCTTCCAAAGACCTAAA
CCCAATTTGTCAAGGGCTGGGAAGAAATCAGTTCTTTCACAAGGCAAAACAGAGTCAGAG
AGCAAGAATTCACATTCAAAAACTTCAGTTGAAAAGAACCACGTGGAAAAAGATAAAATG
AATACATTGGACATTTTGAGAATGGAGACTACAGAGAGAGAGAATCCAGAAGCTGAAACT
GTATCTGTTTTGGGTGAAAAAAATTGTCTGCAGGAAGGGAGTCAACTAAAGGCTTTAAGA
CCTGTACAAGTGAGGGGCCGATTGCAAAAGCCAAAGCCAAATGCAGGTAAAGCTGCTGAA
AGAAAAGAAATTCTCATATCACAGGAAGAAATTGGGGCCAATGTAGAGAAGAATGAAAAT
GAATCCTGTGCTGATAGAGATACTCCTCAACACATGGAAGATCAATCGCGTAAAGATTTT
GAAGAGGAAGATGTCATATTACAGCCTGAGAAAAATGATTCTTTTCAAAATGTGCAGCCA
GATGAGCCCAAGGTTCTTAATGAATGTCTAAGCGTTCAAGAGAATAATAAGGCAAATAAA
CTTAACCAAGTCCCAATTCTAAGGACTCGATTTCAGAAACCAAAGCCAAATATAGGAAGA
GGAACTGGAAGGAGAGAAATTTCCTCAAAGGAAGAGGTACTAGAGAAGATTCTTGTCTCT
GGGGAAATGGCGGCAGCATTGAGAGAAACTGTAAGACTAGACACCTCACCAAAGGAGATG
GTACCAGCAGAGATTAATACTAAAGAAATGCAGTCAGATTTAAAAGAAACTGGAAGAAGA
GCCATTTCTCCCAGGGAGAAGATTCTAGATGTGATTGATGACACCATAGAAATGGAGACA
GGTCTGAAAGCAATGGGAAGAGAGATTTGTCTAAGGGAGAAGACGCCAGAGGTGATTGAT
GCCACTGAGGAAATAGACAAAGATTTGGAAGAAGCTGGAAGAAGAGAAATATCCCCACAG
AAAAATGGCCCAGAGGAGGTTAAGCCTCTAGGTGAAGTGGAGACAGATTTGAAAGCAACT
GGAAATGAGAGTTCCCCAAGGGAGAAGACACCAGAGGTGACTGATGCCACTGAGGAAATA
GACAAAAATTTGGAAGAAACTGGAAGAAGAAAAATATCCCCAAGGGAAAATGGCCCAGAG
GAGGTCAAGCCTGTAGATGAAATGGAGACAGATTTGAACGCAACTGGAAGAGAGAGTTCT
CCAAGGGAGAAGACACCAGAGGTGATTGATGCTACTGAGGAAATAGATTTGGAAGAAACT
GAAAGAGAAGTATCCCCACAGGAAAATGGACTAGAGGAGGTCAAGCCTCTAGGTGAAATG
GAGACGGATTTGAAAGCAACTGGAAGAGACAGTTTCCCAAGGGGGAAGACACCAGAGGTG
ATTGATGCCATTGAGGAAATAGAGATAGATTTGGAAGAAACTGAAAGAGAAATATCCCCA
CAGGAAAATGGCCTAGAGGAGGTTAAGCCTCTAGGTGAAATGCAAACAGATTTGAAAGCA
ACCGGAAGGGAGATTTCCCCAAGGGAGAAGACACCAGAGGTGATTGATGCCACTGAGGAA
ATAGACAAAGATCTGGAAGAAACTGGAAGAAGAGAAATATCCCCAGAGGAAAATGGCCCA
GAGGAGGTCAAGCCTGTAGATGAAATGGAGACAGACTTGAAAACAACTGGAAGAGAGGGT
TCCTCAAGGGAGAAGACACGAGAGGTGATTGATGCTGCTGAGGTAATAGAGACAGATTTG
GAAGAAACTGAAAGAGAAATATCGCCACAGGAAAATGGCCCAGAGGAGGTCAAGCCTGTA
GGTAAAATGGAGACAGATTTGAAAGAAATTAGAGAAGAAATTTCCCAAAGGGAAAAGGTG
CTAGCAGAGTTCAGTGCTATAAGGGAAAAGGAGATTGATTTGAAAGAAACTGGAAAAAGA
GACATTCCCATCATGGAGAAAGTATCAGGAAAGATGGCTGTTGTTGAAGAAATGGAGGCA
GATTTGAAAGAAACTGGAAAAGAAAATTTTAGAGAGAGAGGATCTGAAGAGATCTGTGTT
ACTGAGGAAAAGGTGGCAGAATTGAAACAAACTGGAAAAACAGACATTTCTCCAAGGGAA
AACGAGCTAGAGGAGACCAGTACCTCAAGACAAACTGACACACATTTAATGCAGAGCGGT
AGCAATGACTTCAGTGCTGTGCCTTCACTAGATATTCAGAACATTAGCAGTGAAGTACTG
TCGATGATGCATACACCTGTAGAAGAAAAAAGAAATTCTGAAAAAGAAGTATCAAGTCAC
TTCAGTCATTTCAAGATTTCTTCACAGACTCATGAATCTGATAAAACAGAAGTCCAGGGG
ATTCAATCTCCAGATGTTCCAGAGCAGTTTTCAGATATTAATTTAAGCAAATCTCTTCCT
CAAGAACAGAAGCCACTTGAAATTAAACCAGCACCTTTTGTGAGGAGCCGATTCAAAAGA
CCAAAACCAAACTTAGCAAGAGCAGCTTTGAAGAGAGAGACTACAGAATCAGAAAAATAT
ATATATGAGAAGAAATCAGAAACCAAGAAAATGGAGACTATTGTGATGCAAGAAAATAAT
GAACAAACTGATACTCTCCCTTCTCAACATGATGAAGCTTCCCTAATGATATCAAGAGAA
AAAGACACATTAGGTCACAGGAATGAGGAGGCTGTGATATTGCCATGTACACAGACTGAA
AGGAACCTTTCACCTTCAAATTCTTGTGAACCTAAAGAGGAGTCTCAGTCAGCACCAGTC
CAGAAAAATGACTCAGTTGTTTCTGTGGGGACTAATAATGTAAACACTTTCCAGCAAGAA
ATGAAGGAAAGTGTTATCCAAACTGCTCGACAAGTAAGGGGCCGACTTCAGAGACCGAGA
CCAAATATAAGAAAGACAGGACAGAGGCAAATAGTAGACAAAGGTGAAGCCAAAGGCATA
ATTAAGGAAGGAAGAACGATATTACCAAAAGATGAAACTGAAAAGAAAGTCTTAACTGTG

TCAAATTCTCAAATTGAAACTGAAATTGAAGTTCCATCGTCCGCAGTTCCAGAACACAGA
ATGTATGAAAATCAAAGTCAGGTGGTTCTTGTAGAAAACCTTCATGTTAACAAAACAAAT
GAAACAATCAGACATGAAAATAAACCGTATGTTCCTAGTTCAGCACAAATGACAAGAAGG
AAATTCCAAAAGGCTAAGCCAAATTTGGGAAGAGCACACAGTAAGAAAGAGGAACCAGTT
TTAGAAAAAGTCACAACAGATCAGAGCAAGGAAGGCAAGCCAGAAGATCATTTGCTGCAG
AAAGGAGCTTCCAACACCCAGCTCCTTCTAAAAGAAAAAGCTGAGCTTCTGACATCTCTG
GAGGTTTCAGCAAGAAAAGATTGTGTAGGTTCCAAAGAGTCTGCTTTGGCAAAAATAGAT
GCGGAATTAGAAGAAGTTGGACCATCAAGAAGGGTTGGAGAGGAAACTGTAGGAGATAAT
TCACCATCTTCAGTTGTTGAAGAGCAATATCTCAATAAACTAACAAGCTGTCCACAACCG
TTAAACGAAACAAGTTACTCTAAAATTGCCCTGGATGGGAAAACAACTATCTCTTCTACA
TCTGAGTATGAGAGAAATCGTGGTGAAAGGAGAAGTCATAAAAAGTTCAAACCAAATGTC
ACCAGAGGTCGTGGATCAAAACGAGTTCGGGGTAAGACCTCTAAGAAGGAACCTAGAGCT
TCCAAGGCCATGCTGGTGACTCTTCGGGCTTCCCAGGAAGAAGATGATGATGCTGACGAT
TTTGAGTCTGACTATGAGGAAGAAAGCTATCATCTTGCTCCCGAAGAAGTAAACAAAGCT
CCAGTATTTGTACCTGTTGGTCTCAGATCTCCTGAACCTGTTTCTGCTCAGATTGAGGAA
ACAATGGAAGAGCTTGAAATAACTGTGAATGTCCCAGATGTAGGATGCATAGCTGTTGTT
GAACATGAGCTACCAAACACAGATGTGACTACTGAAGAAATGAAACAAGAAGAAAATTTG
AGTGTACCGTTTGAAATGACCACAAGTGAACATATCCAAGATGAACCAGGTACCAATGAT
GGAAGCACCGAAGCTGCAATAACTTTACTTACAATGGGAGATCTAGTATTGCAGTCAGAG
ATCAGTAGTGAACAGGGTGATGTAGGAGTATGTATAATTCCTCATGTTCATTCAAAGGAT
AAAAGCCATATTCCTTCTAGCCTAGATAATGTAAATCACAAAATTGTTCATGAATGTCAG
GAACTTTCTTCACCTGTCATTACTACATCTCCTGCATCATTTGAAGAAAACAAGATTGTA
TTGGAGGAACAAAGTTCCAGAGAAGAAATAAGTTTAATGGAGAAAGTAAAGGAGAATGCT
ACACCAACCAGGAATACAATTTCTAAAGTGACCAGTAATTTGAGAATAAGAAGTAGGCTT
GCTAAGCCTAAACCAAATCTTGAGAAGACTTTAGGGACCAACAGGCTTGATGATTATCAG
GAAGTTTCCAGTTTGTGTGTAACCAAAGGGGCAGAAATGGAAACTCAAAGAGAAACAGAG
AAAAATGCTTCCAAAGCAACAGAATTGGAAAATAAAAACCTCGGACCAGTTACAACAGCA
GAGAATAAGGATCAGAGCAAATTGGCATGTGTACATGGTATCAAAGGGACCAGTATTTCT
TCAGAAGTAAACCTAACTGAAAGAAACGAAAATCAAGAAGAGAGCTCTCAGGAGGTTCAC
ATGTTGTCAGTTGCTCCAGTTGCTTCCTCTGAGACAGGGCCCTGCACACTTGGTTTGGAT
AGGGGTCTTGGTGAAAATTCTGTTGAAGAGCCCCAGATAAAGGACTCTAAAGGAGACAGT
GTGCTTACACTTCCTGTGCCAGAGTATACACCAACAAGTATTCCAGAAGTCCAACAAGAG
AATATAATCAATCCTCAAGACCTAACAGTGAATCTAGTTGCTAATGTACCTCAAGATGGA
GAAGATGAACAAGCCTTTATTTTAACTCTGGTGGAAATCCCAGCCAATGCAGTAGAAGAA
TTTACTGATGCCACTGCACAGTTCATGCCAAACCCTTTACTGCCAGCTCCCATATTGGTC
AAATCAGTGAATACCGAAGAAAGGGGTGACATGAGTATTTGTTTACCAGCAACTTCAGTT
GGTCAAGATGCCATGGGTTTATCTATTTCTGGAAGAGATAATTCTAAAAAGCCGCCTGAT
AATTTGGATCTTGTATCTAGGAAGAGATTTCAATGCAGGCTTGATAAAAATGACCACATT
CCTCCTGCCAAAAAACGTTCACTCACTTTAAGAGATGACTGTCAAGAATATACCACTGAG
GTGCACTCAAAGGAATTAACAAATGTTTTTGAGGAAACAGGGGAGTCTCACAAGGGACAA
GATATTTTTCTTACCTCAGGAAGCACACTGACAACTCCAGAACCTCAAAGACAGCAAGTT
GAAGCAGCTTTTCAGAGTAGAGGATCTAGATCTCCTGATGCATGCATGGACAAGAATGTG
CCTCAGTTACCTCAGGATGAAATGATTGTGTCTGATAAGGAAGAAAGAACTGATGCTGCT
CCTAAGTCTCAGCAAATGGATAGCAGAACATCGTCTTCTAAAGCCTCACTATCCAGACCT
GGCAGAAGACCCCTGGGATTTTTATCTTTAATATGCTCAAAGAATAGTTTGGAGTCTGAT
GAACCTATGCAAGTCCATAGTAAGAAACGCCTAAAACCTCTTATACCTGGATTAAGAAAG
AAATTGAAAAGATCTAATCCATTCAATGAAAGCCAGGAAAAAAATCGAGAGTCCTCTGAT
CTGCTTCCATCTCCAAGTGTTATTACTACTCAATCTGAGAATATTAGCAGCTCAGCAACT
CAGGTTTCTTGTGATCAGCCCTTACTGAAAGAAGGATATAAAAGTGCCCAAAAGCGGGCC
CCTCAAGGGGAGGCAACCACAGTCTCTGAATATTTCTTCAATGATATCTTCATTGAAGTG
GATGAAACAGAA

Restriction Sites:	Please inquire
ACCN:	NM_018429
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_018429.2, NP_060899.2
RefSeq Size:	11097 bp
RefSeq ORF:	7875 bp
Locus ID:	55814
UniProt ID:	A6H8Y1
Cytogenetics:	5q13.2
Domains:	myb_DNA-binding
Protein Families:	Transcription Factors
Gene Summary:	The product of this gene is a subunit of the TFIIIB transcription initiation complex, which recruits RNA polymerase III to target promoters in order to initiate transcription. The encoded protein localizes to concentrated aggregates in the nucleus, and is required for transcription from all three types of polymerase III promoters. It is phosphorylated by casein kinase II during mitosis, resulting in its release from chromatin and suppression of polymerase III transcription. [provided by RefSeq, Jul 2008]