

Product datasheet for **SC117032**

TIS11B (ZFP36L1) (NM_004926) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIS11B (ZFP36L1) (NM_004926) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZFP36L1
Synonyms:	Berg36; BRF1; cMG1; ERF-1; ERF1; RNF162B; TIS11B
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004926, the custom clone sequence may differ by one or more nucleotides

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ATGACCACCACCTCGTGTCTGCCACCATCTTCGACTTGAGCGAAGTTTTATGCAAGGGTAACAAGATGC
TCAACTATAGTGCTCCCAGTGCAGGGGTTGCCTGCTGGACAGAAAGGCAGTGGGCACCCCTGCTGGTGG
GGGCTTCCCTCGGAGGCACTCAGTCACCCTGCCAGCTCCAAGTTCCACCAGAACCAGCTCCTCAGCAGC
CTCAAGGGTGAGCCAGCCCCGCTCTGAGCTCGCGAGACAGCCGCTTCCGAGACCCTCCTTCTCGGAAG
GGGGCGAGCGGCTGCTGCCACCCAGAAGCAGCCGGGGGCGGCCAGGTCAACTCCAGCCGCTACAAGAC
GGAGCTGTGCCGCCCTTTGAGGAAAACGGTGCCTGTAAGTACGGGGACAAGTGCCAGTTGCGCACACGGC
ATCCACGAGCTCCGACGCTGACCCGCCACCCCAAGTACAAGACGGAGCTGTGCCGCACCTTCCACACCA
TCGGCTTTTGCCCTACGGGCCCGCTGCCACTTCATCCACAACGCTGAAGAGCGCCGTGCCCTGGCCGG
GGCCCGGGACCTCTCCGCTGACCGTCCCCGCCTCCAGCATAGCTTTAGCTTTGCTGGGTTTCCCAGTGCC
GCTGCCACCGCGCTGCCACCGGGCTGCTGGACAGCCCCACGTCCATCACCCACCCCTATTCTGAGCG
CCGATGACCTCCTGGGCTCACCTACCCTGCCGATGGCACCAATAACCCTTTGCCTTCTCCAGCCAGGA
GCTGGCAAGCCTTTTGCCCTAGCATGGGGCTGCCCGGGGTGGCTCCCGACCACCTCTCTCGGACCAGGAG
GCTACCTGAGCAGCTCCAGCAGCAGCCACAGTGGCTCAGACTCCCGACCTTGGAACAACCAAGACGCCT
GCCCATCTTCAGCAGACTTTCATCTCAGATGACTAA
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5' Read Nucleotide Sequence: >OriGene 5' read for NM_004926 unedited
NTGTCAGAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGCGAGGGG
CGCCGGGAAGTGGCGTGTGGGACTCCAGACAGGAGAGGCTGCGCCTTCCCCGCACCGGGA
CCTTCGCGACACACCAGATCCTCGCCCCCTGGCTCGCGGAACTCACAGGATGACCACCAC
CCTCGTGTCTGCCACCATCTTCGACTTGAGCGAAGTTTTATGCAAGGGTAACAAGATGCT
CAACTATAGTGTCTCCAGTGCAGGGGGTTGCCTGCTGGACAGAAAGGCAGTGGGCACCCC
TGCTGGTGGGGGCTTCCCTCGGAGGCACTCAGTCAACCTGCCAGCTCCAAGTTCACCA
GAACCAGCTCCTCAGCAGCCTCAAGGGTGAGCCAGCCCCGCTCTGAGCTCGCGAGACAG
CCGCTTCCGAGACCGCTCCTTCTCGAAAGGGGGCGAGCGGCTGCTGCCACCCAGAAAGCA
GCCCGGGGGCGGCCAGGTCAACTCCAGCCGCTACAAGACGGAGCTGTGCCGCCCTTTGA
GGAAAACGGTGCCTGTAAGTACGGGGACAAGTGCCAGTTTCGCACACGGCATCCACGAGCT
CCGCGAGCTGACCCGCCACCCCAAGTACAAGACGGAGCTGTGCCGCACCTTCCACACCAT
CGGCTTTTGCCTACGGGCCCGCTGCCACTTCATCCACAACGCTGAAGAGCGCCGTGC
CCTGGCCGNGCCGGGACCTCTCCGCTGACCGTCCCCGCTCCAGCATAGCTNTAGCTN
TGCTGGGTTTTCCAGTCCGCTGCCACCGCCGCTGCCACCGGGTGTCTGGACAGCNCCAC
GTNCATACCCCCACCCCTATTCTGAGCGCCGATGACCTCCTGGGCTCACCTACCCTGCC
CGATGGCACCNATACCC

3' Read Nucleotide Sequence: >OriGene 3' read for NM_004926 unedited
CGCCGCATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTCTTGAAAAACGGGGTTTATTGA
TTTTTAAACTGCAATAGTCGTTACAAAAAGTTTTTTTTTTTTTTTTTAAATAAATTCACACA
AAGAAAGAGAAAATAGAAAGCGACGGTAGTGACCAGCAAGAGGAATAATAATTACATTCAT
CTTAATGTGTGTGCCAGTTCTGTTTACATTAACATTGGAAAACCTCAGACCTGGAATC
CAGAACCTCAAATCTGTGAGTGGAAATGTCTTGAGATGGGCACGTGGAAGTCAAAGGGTTT
CTTTTTTTTTTTTTTCCCTTTTAAAAGCTATACATAAAAAGTTGTTTTCTTCTGTAC
TGTACAGAACTTTTACATACATTCTCAGTCTAGTTGTGAAAGGCCTAAAGAGAAAGAA
ACTCATTGTCAGTCCAACACAAAGGGGGGATTTCTAAAATAAATAATCCAACAGTTTT
TTGCATTTTTTAAATTAATTCTTCATTTTTTAAAATAAAATACCCAAAAAAGGGCAAA
GTCACAAAAATGTCGTTGAAAATTAATATATTAATAACTGTGGAAAAAAGGATAAAGCC
CCCCCAAAATCTTACGACTATTATGAAGATCATAATTAACCATAAAAAGAATATTTCCCC
TAGGATTTGCCTCCCCGGTTATTATGAACAACTTACAAAAAAAAGCTTAGTTGGCGCAA
AAAACCGTTCGATAAGCAAAAAACCTTTTTTTTTGTGCGGCCAGGGCAAGCCAATTT
TGCTCTCAAATCCGAAGTTTATGAAGGTTAACCCAGGAAAAACCTGGGGGGAGGCTCT
AATGATAACCTCGGCTTCTAACAAAACCTTAAAGCTTCTACGGAAATGTTACACCAA
TTTGGTTGGGAAGGATACCTAAACCGCCACCTAATCTTTTTTTTAACTTCTCCATTTT
TTTTGGGCATTCTTTAAGAAGGAC

Restriction Sites: NotI-NotI

ACCN: NM_004926

Insert Size: 3000 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](#)

RefSeq: [NM_004926.2](#), [NP_004917.2](#)

RefSeq Size: 3022 bp

RefSeq ORF: 1017 bp

Locus ID: 677

UniProt ID: [Q07352](#), [A0A024R658](#), [B3KNA8](#)

Domains: zf-CCCH, Tis11B_C

Protein Families: Transcription Factors

Gene Summary: This gene is a member of the TIS11 family of early response genes, which are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. This gene is well conserved across species and has a promoter that contains motifs seen in other early-response genes. The encoded protein contains a distinguishing putative zinc finger domain with a repeating cys-his motif. This putative nuclear transcription factor most likely functions in regulating the response to growth factors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Transcript Variant: This variant (1) represents the predominant transcript, and encodes isoform 1. Variants 1 and 2 encode the same isoform.