

Product datasheet for **SC322315**

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:	TIS11B
Synonyms:	Berg36; BRF1; cMG1; ERF-1; ERF1; RNF162B; TIS11B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322315
 GAAAGGCGAGGGGCGCCGGAACTGGCGTGTGGGACTCCAGACAGGAGAGGCTGCGCCTT
 CCCCACCGGGACCTTCGCGACACACCAGATCCTCGCCCTTGGCTCGCGCGAACTCACA
 GGATGACCACCACCTCGTGTCTGCCACCATCTTCGACTTGAGCGAAGTTTTATGCAAGG
 GTAACAAGATGCTCAACTATAGTGTCCAGTGCAGGGGTTGCCTGTGGACAGAAAGG
 CAGTGGGCACCCCTGCTGGTGGGGGCTCCCTCGGAGGCACTCAGTCACCCTGCCAGCT
 CCAAGTCCACCAGAACCAGCTCCTCAGCAGCCTCAAGGGTGAGCCAGCCCCGCTCTGA
 GCTCGCGAGACGCCGCTTCCGAGACCGCTCCTTCTCGGAAGGGGCGAGCGGCTGCTGC
 CCACCCAGAAGCAGCCCGGGGGCGGCCAGGTCAACTCCAGCCGCTACAAGACGGAGCTGT
 GCCGCCCTTTGAGGAAAACGGTGCCTGTAAGTACGGGGACAAGTGCCAGTTCGCACACG
 GCATCCACGAGCTCCGCAGCCTGACCCGCCACCCCAAGTACAAGACGGAGCTGTGCCGA
 CCTTCCACACCATCGGCTTTTGGCCCTACGGGCCCCGCTGCCACTTCATCCACAACGCTG
 AAGAGCGCGTGCCTGGCCGGGGCCGGGACCTCCTCGCTGACCGTCCCCGCCTCCAGC
 ATAGCTTAGCTTTGCTGGGTTTCCAGTGCCGCTGCCACCGCCGCTGCCACCGGGCTGC
 TGGACAGCCCCAGTCCATCACCACCCCTATTCTGAGCGCCGATGACCTCCTGGGCT
 CACCTACCTGCCGATGGCACCAATAACCTTTTGCCTTCTCCAGCCAGGAGCTGGCAA
 GCCTCTTTGCCCTAGCATGGGGCTGCCCGGGGTGGCTCCCCGACCACCTTCTCTTCC
 GGCCATGTCCGAGTCCCTCACATGTTTACTCTCCCCCAGCCCTCAGGATTCTCTCT
 CGGACCAGGAGGGCTACCTGAGCAGCTCCAGCAGCAGCCACAGTGGCTCAGACTCCCCGA
 CCTTGGACAACTAAGACGCCTGCCATCTTCAGCAGACTTTCATCTCAGATGACTAAG
 CCAGGGTAGGGAGGGACCTCCTGCCTACTCCAGCCCCTACCCTGCACCCACATCCCATAC
 CCTTTCTCCCTACCCATCCCATTCCCCACAGGCCCTACATTAACAAGGTTAAGCTCAAC
 CCCTTTCCCCCAGCACCTCAGAATGTGCCCTCCCTCCTCCCTCATAACCCACCTAACA
 TAAGGACAAGTCAATTTGTCAGTAGCTTCTTCTGGCTTGAAACCCCTCCCTGGATTTTA
 TAGCCCACTTACCATGCATAACAGACAAGTCCCATATTTTGTGAGTAGATGCCTTTTTTT
 TCCGGCTTAAGCCTTAAGTGCCAAATCACAAGAGAAAAAGCAGTAACAGTTTACAGAAGC
 AACTTAGTGCCTTGAATCTAATTTGTCACTGTGACTACATTACCTCTTCAGCGCCAGA
 GGGCACCCGTGGGCTCCCGGAGCCTCTGCCATGGCGGGGTGGAGACCCGGAACCAGCA
 GCCCCTCCACTGGCGACACAACCTGCACCTTCCCTCATTTAGTCTCCCGCACACTTATT
 CCTCCTCCCTCTTCCCGGTGGACCTCTCCACCTGTACCCGCCCCGCCCCCCCCACCC
 GGCCCTTGAAGAGTTGTTGCCAGACCAGGGTTTTGGGGAAACCTGTCTTGACATTCA
 AAACCTTTTTCTCCGATCTGAACCCCTGTTGACTAATCTTGCCTGGGTTTGTGTAGGT
 CTGCAGGAAGGAAGGCTGAAAAAGCGGACGAAGATTTGACTTAAGTGGGACTTTGTGAT
 TTAATTTTTCTTTTTTTAAGTGGGGAGGAAGGGGAAGCTAGATGGACTAGGAGAGACT
 TGATTTTGGTGCTAAAGTTCACAGTTCATATGTGACATCTTTTTAAAAAAAAAAAAAA
 AAAAAAA

Restriction Sites: Please inquire

ACCN: NM_004926

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 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_004926.2](#), [NP_004917.2](#)

RefSeq Size: 3022 bp

RefSeq ORF: 1017 bp

Locus ID: 677

UniProt ID: [Q07352](#)

Cytogenetics: 14q24.1

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.