

## Product datasheet for **SC332082**

### **TIS11B (ZFP36L1) (NM\_001244698) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TIS11B (ZFP36L1) (NM\_001244698) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TIS11B  
**Synonyms:** Berg36; BRF1; cMG1; ERF-1; ERF1; RNF162B; TIS11B  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC332082 representing NM\_001244698.  
**Blue**=Insert sequence **Red**=Cloning site **Green**=Tag(s)

```
ATGACCACCACCCTCGTGTCTGCCACCATCTTCGACTTGAGCGAAGTTTTATGCAAGGGTAAACAAGATG
CTCAACTATAGTGCTCCCAGTGCAGGGGTTGCCTGCTGGACAGAAAGGCAGTGGGCACCCTGCTGGT
GGGGGCTCCCTCGGAGGCACTCAGTCACCCTGCCAGCTCCAAGTTCACCAGAACCAGCTCCTCAGC
AGCCTCAAGGGTGAAGCCAGCCCCGCTCTGAGCTCGGAGACAGCCGCTCCGAGACCGCTCCTTCTCG
GAAGGGGGCGAGCGGCTGCTGCCACCCAGAAGCAGCCCGGGGGCGCCAGGTCAACTCCAGCCGCTAC
AAGACGGAGCTGTCCGCCCCTTTGAGGAAAACGGTGCCTGTAAGTACGGGGACAAGTGCCAGTTCGCA
CACGGCATCCACGAGCTCCGAGCCTGACCCGCCACCCCAAGTACAAGACGGAGCTGTGCCGCACCTTC
CACACCATCGGCTTTTGCCCTACGGGCCCCGCTGCCACTTCATCCACAACGCTGAAGAGCGCCGTGCC
CTGGCCGGGGCCCGGGACCTCTCCGCTGACCGTCCCCGCCTCCAGCATAGCTTTAGCTTTGCTGGTTT
CCCAGTGGCGCTGCCACCCGCGTGCCACCGGGCTGCTGGACAGCCCCACGTCCATCACCCACCCCT
ATTCTGAGCGCCGATGACCTCCTGGGCTCACCTACCCTGCCCGATGGCACCAATAACCCCTTTGCCCTC
TCCAGCCAGGAGCTGGCAAGCCTCTTTGCCCTAGCATGGGGTGCCCGGGGGTGGCTCCCCGACCACC
TTCTCTTCCGGCCATGTCGAGTCCCCTCACATGTTTGACTCTCCCCCAGCCCTCAGGATTCTCTC
TCGGACCAGGAGGCTACCTGAGCAGCTCCAGCAGCAGCCACAGTGGCTCAGACTCCCCGACCTTGGAC
AACTCAAGACGCCTGCCATCTTCAGCAGACTTCCATCTCAGATGACTAA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001244698  
**Insert Size:** 1017 bp  
**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).  
**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\\_001244698.1](#)

**RefSeq Size:** 3170 bp

**RefSeq ORF:** 1017 bp

**Locus ID:** 677

**UniProt ID:** [Q07352](#)

**Cytogenetics:** 14q24.1

**Protein Families:** Transcription Factors

**MW:** 36.3 kDa

**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 (2) is alternatively spliced at the 3' end, and has a shorter 3' UTR compared to variant 1. Variants 1 and 2 encode the same isoform (1).