

Product datasheet for **SC332083**

TIS11B (ZFP36L1) (NM_001244701) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TIS11B (ZFP36L1) (NM_001244701) Human Untagged Clone
Tag: Tag Free
Symbol: TIS11B
Synonyms: Berg36; BRF1; cMG1; ERF-1; ERF1; RNF162B; TIS11B
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332083 representing NM_001244701.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGAGGGCCCGAAGTCGGGCTGGGACAGAGGAGCCGCCACCGCCTCCCGGTGGGAAGCGGCA
GTGCAGCCCGGAGTCAGAAAGGCGAGGGGCGCCGGGAAGTGGCGTGTGGGACTCCAGACAGGAGAGGCT
GCGCCTTCCCGCACCGGGACCTTCGCGACACACCAGATCCTCGCCCTGGCTCGCGGAACGCACAGG
ATGACCACCACCTCGTGTCTGCCACCATCTTCGACTTGAGCGAAGTTTTATGCAAGGGTAACAAGATG
CTCAACTATAGTCTCCAGTGCAGGGGTTGCCTGCTGGACAGAAAGGCAGTGGGCACCCCTGCTGGT
GGGGGCTTCCCTCGGAGGCACTCAGTACCCTGCCAGTCCAAGTTCACCAGAACCAGCTCCTCAGC
AGCCTCAAGGGTGAAGCCAGCCCGCTCTGAGCTCGCGAGACAGCCGCTTCCGAGACCGCTCCTTCTCG
GAAGGGGGCGAGCGGCTGCTGCCACCCAGAAGCAGCCCGGGGGCGGCCAGGTCAACTCCAGCCGTAC
AAGACGGAGCTGTGCCGCCCTTTGAGGAAAACGGTGCCTGTAAGTACGGGGACAAGTGCCAGTTCGCA
CACGGCATCCACGAGCTCCGAGCCTGACCCGCCACCCAAAGTACAAGACGGAGCTGTGCCGCACCTTC
CACACCATCGGCTTTTGGCCCTACGGGGCCCGTGCCACTTCATCCACAACGCTGAAGAGCGCCGTGCC
CTGGCCGGGGCCCGGACCTCTCCGCTGACCGTCCCGCCTCCAGCATAGCTTTAGCTTTGCTGGGTTT
CCCAGTGCCGCTGCCACCGCCGCTGCCACCGGGTCTGGACAGCCCCAGTCCATCACCACCCCCCT
ATTCTGAGCGCCGATGACCTCTGGGCTCACCTACCCTGCCCGATGGCACCAATAACCCTTTTGCCTTC
TCCAGCCAGGAGCTGGCAAGCCTTTTGGCCCTAGCATGGGGCTGCCCGGGGGTGGCTCCCGGACACC
TTCTCTTCCGGCCATGTCCGAGTCCCTCACATGTTTACTCTCCCCCAGCCCTCAGATTCTCTC
TCGGACCAGGAGGCTACCTGAGCAGCTCCAGCAGCAGCCACAGTGGCTCAGACTCCCCGACCTGGAC
AACTCAAGACGCCTGCCATCTTCAGCAGACTTTCATCTCAGATGACTAA
  
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Restriction Sites: SgfI-MluI
ACCN: NM_001244701
Insert Size: 1224 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).



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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_001244701.1
RefSeq Size:	3212 bp
RefSeq ORF:	1224 bp
Locus ID:	677
UniProt ID:	Q07352
Cytogenetics:	14q24.1
Protein Families:	Transcription Factors
MW:	43.8 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) contains an additional exon at the 5' end compared to variant 1, that introduces an in-frame upstream AUG, translation from which results in an isoform (2) with a longer N-terminus compared to isoform 1.</p>