

Product datasheet for **SC128175**

TIS11D (ZFP36L2) (NM_006887) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TIS11D (ZFP36L2) (NM_006887) Human Untagged Clone
Tag:	Tag Free
Symbol:	TIS11D
Synonyms:	BRF2; ERF-2; ERF2; RNF162C; TIS11D
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_006887, the custom clone sequence may differ by one or more nucleotides

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ATGTCGACCACACTTCTGTCCGCTTCTACGATGTCGACTTCTTGTGCAAGACAGAGAAATCCCTGGCCA
ACCTCAACCTGAACAACATGCTGGACAAGAAGCGGTGGGGACGCCTGTGGCCGCCGCCCCAGCTCGGG
CTTCGCGCCGGGATTCTCCGACGGCACTCGGCCAGCAACCTGCATGCACTCGCCACCCCGCGCCAGC
CCCGGCAGCTGCTCGCCCAAGTCCCGGGCGCCGCTAACGGCAGCAGCTGCGGCAGCGGGCGGCCGGCG
GTCCGACCTCTACGGCACCCCTAAGGAGCCGTGCGGGGGCGGGCCACAGCCCTGCTCAACAAGGAGAA
CAAATTCGGGACCGCTCGTTTAGCGAGAACGGCGATCGCAGCCAGCACCTCTGCACCTGCAGCAGCAG
CAGAAGGGGGGGCGGGCTCCCAGATCAACTCCACGCGTACAAGACCGAGCTGTGCCGGCCCTTCGAGG
AGAGCGGCACGTGCAAGTACGGCGAAAAGTGCCAGTTCGCGCATGGCTTCCACGAGCTGCGCAGCCTGAC
TCGCCATCCGAAGTACAAGACCGAGCTGTGCCGCACCTTTCATACCATCGGCTTCTGCCCTATGGCCG
CGCTGCCACTTCAACACAACCGGGACGAGCGGGCCCGCGCCGTGCGGGGGCGCCCTCCGGGGACCTGC
GTGCCCTTGGCACGCGCATGCGTTGCACCTGGGCTTCCCGCGGGAGCCGCGGCCAAGTTGACCACAG
CCTCAGCTTCTCGGGCTTCCCGTGGGCCACCATCAGCCCCGGGGCGCCCTGAGTCGCCGCTGTGCTC
GACAGCCCCACGTGCGCACGCCGCCCGCCCTCCTGCTTTCGGCCTCGTCTGCTCCTCCTCCGCT
CCTCCTGTTCTCGGCTCCCGGCCCTCACGCCCTCGGGCGCCCGACATGCTGCGCCTCCGCGGGCGG
CGCGGCTGCGGCGCTGTGCTGTACGGCACCGGGGGCGCCGAGGACCTGCTGGCGCCGGGGCCCGCTGC
GGGCCTGCTCGTCCGCTCGTGCGCCAACAACGCTTCCGCTTCCGTCCGGAGCTCAGCAGCCTATCA
CGCCGCTCGCATCCAGACCCACAACCTTTCGCCGCGTGGCCGCCGCCGCTACTACCGCAGTCAGCAGCA
GCAGCAGCAGCAGGGCTGGCGCCCCCGCGCAGCCGCCGGCGCCAGCGCGACCTCCCGCGGGG
GCCGCGCACCTCCCTCGCCGCCCTCAGCTTCCAGCTGCCGCGCCGCTGTCCGACTCGCCCGTGTTCG
ACGCGCCCCCAGCCCCCGGACTCGTGTGGACCGCGACAGCTACCTAAGCGGCTCCCTGAGCTCCGG
CAGCCTCAGCGGCTGTAGTCTCCAGCCTCGACCCTGGCCGCCGCTGCCAATCTTCAGCCGCTCTCC
ATCTCCGACGACTGA

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5' Read Nucleotide Sequence: >OriGene 5' read for NM_006887 unedited
 NNNNNNNNAAAAAAAAAAAAAAAAACANAGTTTGTGCGAAAATTGTATACGATTCACATATAG
 GCGGCCGCGNAATTCGCACGAGCCCGCCCTCGCCCGTTATTCGTGCTGGCTCAAGCCCG
 GCCACGCCGCCAGGGCTCCTCCCGACCTCCCGGCTGCCGCTCCGGCCACTGCGGGAT
 CCAGAAACATGTCGACCACACTTCTGTCCGCTTCTACGATGTCGACTTCTTGTGCAAGA
 CAGAGAAATCCCTGGCCAACCTCAACCTGAACAACATGCTGGACAAGAAGCGGTGGGGA
 CGCCTGTGGCCGCCGCCCGGCTCGGGCTTCCGCGCGGGATTCTCCGACGGCACTCGG
 CCAGCAACCTGCATGCACTCGCCACCCCGCGCCAGCCCGGCAGCTGCTCGCCCAAGT
 TCCCGGGCGCGCTAACGGCAGCAGCTGCGGCAGCGCGCGGCCGCGGTCCGACCTCCT
 ACGGCACCCTTAAGGAGCCGTGCGGGGGCGGCGCACAGCCCTGCTCAACAAGGAGAACA
 AATTCCGGGACCCTCGTTTAGCGAGAACGGCGATCGCAGCCAGCACCTCCTGCACCTGC
 AGCAGCAGCAGAAGGGGGCGCGGCTCCAGATCAACTCCACGCGCTACAAGACCGAGC
 TGTGCCGGCCCTTCGAGGAGAGCGGCACGTGCAAGTACGGCGAANAGTCCAGTTCGCGC
 ATGGCTTCCACGAGCTGCGCAGCCTGACTCGCCATCCGAAGTACAAGACCGAGCTGTGCC
 GCACCTTTCATACCATCGCTTCTGCCCTATGGGCCGCGCTGCCACTTCATCCACACGC
 GNACGAGCGCGCCCGCGCCGTGCGGGGGCGCCTCCGGGACTGCGTGCCT

3' Read Nucleotide Sequence: >OriGene 3' genomic read for NM_006887 unedited
 NAAATTGTGGACCGCAGACCACATCTANGATCGATTTTTTTTTTTTTTTTTTTTGTCTAT
 TCGTATCACAACTGCCCTGTTGTGAAATTTTGTCAACAGAAAAAGTTCGACTTTTTTTC
 TCAAAAAGAAATGAAACTTCGTAATAAAAAATAAAAAAAAAAAGACAAGAGGAAACCGAAA
 AGGAGGGGTGGGGCCCCCTCCCGCACAGAGTTCGAGTCCAAGTCTCGGTGCGGCTTGC
 AGTCTGCCTAGGGCCCATGTTACCCCCCACTCCCGTGCCCCCAAGGGCGAAATTGC
 CAAGGGTGTCTCAAATTTCTGAAACGCTTTCTTTTCTCTCACTGGGGCCCTTTTC
 CTCAATCCTCTGAAATTGAGAAGCCGTGAAAATTTTCAAGCGCGGCCAACGTCAAAGC
 TTGTGAAATCATAAACCTTAAGCTGCCGAACTTCAGGAACCCCTATGTATCTGTGTC
 GGTCCCAACAAATCCCGGGGGTGGGGGGCCGCCCCAAAACAGGCAATTCGAAATGC
 GGGCCCCCCCCTTAAACTTCAAGGGGGCAAGAGAAGTGCAGCGCCCCCCCCCGGGA
 AGTATCACCTCTGGGGCCCCCCTTCTACTCGGGGGGCCACCACCCCACTTTGTTT
 TTTGGCGTGATAATTATCCGATATTTAAGCGCAGTCGCGCCCCCACGCAGAAGATTTGT
 GTTCTTTTCGTAGAGAAGAATGCTGTAAGCCCTTTTTAGCCCCGCAAGTAGGAAAG
 ACTAGTTTTGTTGCGGAGAGAGCGACAAAATCTGGCCTGTTTAAGAGGACTTACAACCTGC
 GACACCAATATATTATTCGTCGCCGCGGCTCCGGCTGGTTAGATTCTACAATCCGCTATA
 CTCTAACACCTACTG

Restriction Sites: NotI-NotI

ACCN: NM_006887

Insert Size: 1300 bp

OTI Disclaimer:	<p>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.</p> <p>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</p>
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_006887.3 , NP_008818.3
RefSeq Size:	3702 bp
RefSeq ORF:	3702 bp
Locus ID:	678
UniProt ID:	P47974
Cytogenetics:	2p21
Domains:	zf-CCCH, Tis11B_C
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene is a member of the TIS11 family of early response genes. Family members are induced by various agonists such as the phorbol ester TPA and the polypeptide mitogen EGF. 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. [provided by RefSeq, Jul 2008]</p>