

Product datasheet for **SC112654**

TFIP11 (NM_012143) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TFIP11 (NM_012143) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFIP11
Synonyms:	bK445C9.6; NTR1; Spp382; STIP; STIP-1; TIP39
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_012143, the custom clone sequence may differ by one or more nucleotides

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ATGTCATTGTCCCACTTATACCGGGATGGGGAAGGCCGATTGATGATGATGATGACGAGCGGGAGA
TTGAGATCACTGACTGGGATCTCCAGAATGAGTTCAACCCCAACCGACAGCGCCACTGGCAGACCA
AGAAGCCACCTACGGGGTGTGGGCAGAGCGAGACTCGGATGATGAGAGGCCAGCTTTGGAGGCAA
GCCCGTACTACTCTGCGCCAGTCAACTTCATCAGCGCAGGGCTCAAGAAAGGGGACGGAGGAGC
AGTTGGAAGATTCTGATGACGAAGAGAAAACCTGTTAAGCAGGACGACTTTCCTAAGGATTTTGG
GAAGCTAAAAACGGGTGGCAATTTAAGCCAGCCAGAAAAGTTTTGCAGGAGGAACCAATCTTTCAT
GACTTCGGCAGCTGGGAAAGACACAAAAAGGAATTGGACAGAAGCTTCTCAGAAGATGGGCTACGT
CTGGACGGGGCCTCGGGAAGAATGCACAAGGTATCATTAAACCAATTGAAGCCAAGCAGAAAAGG
AGGTGCTGTGGGGCTTATGGATCCGAGCGCACCCTCAGTCCATGCAAGACTTCCCTGTGGTTGAC
GAGGAAGAAGCTGAAGAGGAGTTTCAGAAGGAGCTGAGCCAGTGGAGGAAAGACCAAGTGAAGCA
AGAAGCCAAATACTCTTACAAGACCGTGAAGAGTTGAAGGCCAAGGGCAGGATTAGCAAGAAGCT
TGCTCCCCAGAAGGAACCTTCTCAAGTCAAGGTATAGACATGACAGGCCGGGAGCAGAAGTCTACT
AGCTACAGTCAGATCAGCCACAAGCACAACGTTCCCGATGATGGGCTGCCGCTACAGTCCCAACAG
CACAGTCTGGCAAAGAGGCCAAGGCCCCCGCTTCGCGCTGCCGAGCTGGAGCACAACCTGCAGCTG
CATCGACCTCACGGAGCAGGAGATCATCCAGAATGACCGGCAGCTACAGTATGAGCGGGACATGGT
AACCTCTTCCACGAGCTGGAGAAGATGACCGAGGTCCTGGACCACGAGGAGCGGGTCATCTCGAAC
GCAAGGTCCTGGAGATGGTGGAGGAGTGCAGCGGGCGGATGCAGCCGACTGCAGCAACCCCTCAC
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TTGGACTTGTGTGGCCATCGTCTATCCACTCATGAAGGAGTACTTCAAGGAGTGGGATCCCCTCAA
ACTGCACTTATGGCACCAGATCATCTCTAAGTGGAAAAGCCTCCTAGAGAATGACCAGCTCTTGTCC
TGGCGGACAGGACCTCTCAGCAGATGCCTTTCACAGGTTGATATGGGAAGTCTGGATGCCTTTTGT
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TTATTCTGTGTGGATCTTAGATAACATACTGGACCAACTCATCTTCCCAAGCTGCAAAAAGGAGGT
AAACTGGAACCCGCTCACAGACTGTTCCCATCCACTTTGGATCCACCCATGGCTGCCCTTATGCAG
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GCGACTCCTCTGCAAGCTCATCTCCAGCCCTGGAAGGATGTCTTCACTCCTGGCTCCTGGGAAGCA
CATGGTCAAAAACATAGTGCCCAAGCTGGGGATGTGTCTTGGTGAGCTAGTCATTAACCCCAACAG
CACATGGATGCATTCTATTGGGTGATTGACTGGGAAGGGATGATCTGTCTCTAGCCTGGTGGGACTT
TTGAAAAGCACTTCTTCCCAAGTGGCTTCAGGTGCTGTGCTCTTGGCTCAGTAACAGCCAAATATGA
GGAGATACCAAGTGGTACCTGGGTTGGAAGTCGATGTTCTCAGACCAAGTGGTGGCACATCCATCTGT
AAGGACAAATTTAATGAGGCACTTGATATCATGAACCGGGCGGTGTCTCCAACGTTGGTGCCTACAT
AGCCAGGAGCAGGGGAGAACATTGCCTATCTCACCCACACGGAGCGGAGGAAGGACTTCCAGTACGAG
CATGCAGGAGAGGCGGGAGGCTGAGAACATGGCTCAGAGGGGCATTGGCGTGGCCGCTAGCTCTGTG
ATGAACTTAAGGACCTCATTGAGACCAAGGCTGAGGAGCACAACATTGTCTTATGCCCGTATTGGGA
AGCGACACGAAGGAAGCAGCTTACACCTTTGGCCGATTGTGATCTACATCGACCGGGGAGTGGTCTT
TGTCAGGGCGAGAAGACGTGGGTGCCACCTCACTGCAGAGCCTGATCGACATGGCCAAAGTGA
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_012143 unedited</p> <pre>CAGAATTGTATACGACTTATATAGGCGGCCGCGNAATTCGCACGAGGCTGGACCCCTCGGA CAGACAGCAAGAGAGAGACAAGCCCGAGGCCTGACTTCTAGCACTCCTGAGTTTGAGCCC TATGAGCAGTGGAACTAGGACCACCAAGGATCCAGATATAATTCTTTCCTCAGTAATA GAAAAAAGAACTCTGGGATCTAAGAAGATACCTACTCATTCTTCTAAGTGACTGGCCATGTC ATTGTCCCACTTATACCGGGATGGGGAAGGCCGATTGATGATGATGATGACGAGCGGGA GAACTTTGAGATCACTGACTGGGATCTCCAGAATGAGTTCAACCCCAACCGACAGCGCCA CTGGCAGACCAAGGAAGAAGCCACCTACGGGGTGTGGGCAGAGCGAGACTCGGATGATGA GAGGCCAGCTTTGGAGGCAAACGGGCCGTGACTACTCTGCGCCAGTCAACTTCATCAG CGCAGGGCTCAAGAAAGGGGCGAGCGGAGGAGGCAGAGTTGGAAGATTCTGATGACGAAGA GAAACCTGTTAAGCAGGACGACTTTCCTAAGGATTTTGGACCAAGGAAGCTAAAAACGGG TGGCAATTTAAGCCAGCCAGAAAGGTTTTGCAGGAGGAACCAATCTTTCATGGACTT CGGCAGCTGGGAAAGACACAAAAGGAATTGGACAGAAGCTTCTCAGAAGATGGGCTA CGTCCCTGGACGGGGCTCGGAAAGATGCACANGGTATCATTAAACCAATTGAAGCCAA GCAGAGAAGNGAAAAGGTGCTGTGNGGGCTTATGGATCCGAGCGCACCACTCAGTCCAT GGCAGACTCCCCTGGGGNTGACTCANAGGAAGAGCTNGANNANAGGTTCAAAGGACTGA CCAGTGGAGAAAGACCCAGTGGAGCAGAAGAGCCAAACTCTACACCCGTGAAAAATTGA GGCCAGGN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_012143 unedited</p> <pre>TACTGTTTCTTTACAGTACATCCCTCTTAGGGCAAGTCTCTGACTGGTTCTGGACCTGCC ACAGTTCACTTGGCCATGTCGATCAGGCTCTGCAGTGAGGTGGGCACCCACGTCTTCTCG CCCTGGACAAAGACCACTCCCCGGTCGATGTAGATCACAATGCGGCCAAAGGTGTAGAGC TGCTTCCCTTCGTGTCGCTTCCCAATGACGGGCATGAAGACAATGTTGTGCTCCTCAGCC TTGGTCTCAATGAGGTCCTTAAAGTTCATGGGCACAGAGCTAGCGGCCACGCCAATGCC CTCTGAGCCATGTTCTCAGCCTCCCGCCTCTCCTGCATGGCCTCGTACTGGAAGTCTTC CTCCGCTCCGTGTGGGTGAGATAGGCAATGTTCTCCCGTCTCCTGGCTGCATGTAGGCA CCAACGTTGGAGGACACCCCGGTTTATGATATCAAGTGCCTCATTAAATTTGCTCTTG ACAGATGGATGTGCCAGCACTTGGTCTGAGAACATCGACTTCAAACCCAGGTACCACTTG GTGATCTCCTCATAATTTGGGCTGTTACTGAGCCAAGAGCACAGCACCTGAAGCCATTG GGGAAGAAGTGCTTTTCAAGAAGTCCCACAGGCTAGAGACAGAGATCATCCCTTCCAG TCAATCACCCAATAGAATGCATCCATGTGCTGCTGGTGGGGTTAATGACTAGCTCACCA GACACATTTCCAGCTTGGGCACTATGTTTTGACCATGAATGCTTCCAGGACCAGGAGT GAAAGCATCCTTTAGGGCTTGATGATGAGCTTGGCACAAGAAGTCTGGGGTGCCACTT TGCAGGGGGCTGGCAGCTTACTACGATGGGGAAAGAGTCTCCTCCGCGCTGCCTAAGG GGACCTGGGTGGACAAAATGGATGGACCAGGCTGGAACGTTTCAATTTCCCCCTTTGCC ACTGGGAAAAAATGTCCCTCTGTTCTAAAACCAACGGAATTG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_012143
Insert Size:	2950 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:	<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_012143.2 , NP_036275.1
RefSeq Size:	2864 bp
RefSeq ORF:	2514 bp
Locus ID:	24144
UniProt ID:	Q9UBB9
Cytogenetics:	22q12.1
Domains:	G-patch
Gene Summary:	<p>This gene encodes a protein component of the spliceosome that promotes the release of the lariat-intron during late-stage splicing through the recruitment of a pre-mRNA splicing factor called DEAH-box helicase 15. The encoded protein contains a G-patch domain, a hallmark of RNA-processing proteins, that binds DEAH-box helicase 15. This protein contains an atypical nuclear localization sequence as well as a nuclear speckle-targeting sequence, enabling it to localize to distinct speckled regions within the cell nucleus. Polymorphisms in this gene are associated with dental caries suggesting a role in amelogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2016]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' UTR, compared to variant1. Variants 1-6 encode the same isoform (1).</p>