

Product datasheet for **SC324426**

TFIP11 (NM_001008697) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TFIP11 (NM_001008697) Human Untagged Clone
Tag:	Tag Free
Symbol:	TFIP11
Synonyms:	bK445C9.6; NTR1; Spp382; STIP; STIP-1; TIP39
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 NM_001008697.1
 GCGTCTTCTCGCGCGGATGGTGAAGCTGAATTTGGTACGCTGGACCCTCGGACAGACAGC
 AAGAGAGAGACAAGCCCGAGGCCTGACTTCTAGCACTCCTGAGTTTGAGCCCTATGAGCA
 GTGGAACCTAGGGACCACCAAGGATCCAGATATAATTCTTCTCAGTAATAGAAAAAG
 AATCTGGGATCTAAGAAGATACTACTCATTTTCTAAGTACTGGCCATGTCATTGTCCC
 ACTTATACCGGGATGGGAAGGCCGATTGATGATGATGATGACGAGCGGGAAGAACTTTG
 AGATCACTGACTGGGATCTCCAGAATGAGTTCAACCCCAACCCAGCAGCCCACTGGCAGA
 CCAAGGAAGAAGCCACCTACGGGGTGTGGGCAGAGCGAGACTCGGATGATGAGAGGCCCA
 GCTTTGGAGGCAAAACGGGCCCTGACTACTCTGCGCCAGTCAACTTCATCAGCGCAGGGC
 TCAAGAAAGGGCAGCGGAGGAGGCAGAGTTGGAAGATTCTGATGACGAAGAGAAACCTG
 TTAAGCAGGACGACTTTCCTAAGGATTTTGGACCAAGGAAGCTAAAAACGGGTGGCAATT
 TTAAGCCAGCCAGAAAGGTTTTGCAGGAGGAACCAAATCTTTCATGGACTTCGGCAGCT
 GGGAAAGACACAAAAGGAATTGGACAGAAGCTTCTCAGAAGATGGGTACGTCCCTG
 GACGGGGCTCGGGAAGAATGCACAAGGTATCATTAAACCAATTGAAGCCAAGCAGAGAA
 AGGAAAAGGTGCTGTGGGGCTTATGGATCCGAGCGCACCCTCAGTCCATGCAAGACT
 TCCTGTGGTTGACTCAGAGGAAGAAGCTGAAGAGGAGTTTCAGAAGGAGCTGAGCCAGT
 GGAGAAAAGACCAAGTGAAGCAAGAAGAAGCCAAATACTCTTACAAGACCGTGAAG
 AGTTGAAGGCCAAGGGCAGGATTAGCAAGAAGCTCACTGCTCCCCAGAAGGAACCTTCTC
 AAGTCAAGGTCATAGACATGACAGGCCGGGAGCAGAAGGTCTACTACAGCTACAGTCAGA
 TCAGCCACAAGCACAACGTTCCCGATGATGGGTGCCGTACAGTCCCAACAGCTGCCAC
 AGTCTGGCAAAGAGGCCAAGGCCCGGCTTCGCGCTGCCCGAGCTGGAGCACAACCTGC
 AGCTGCTCATCGACCTCACGGAGCAGGAGATCATCCAGAATGACCGGCAGCTACAGTATG
 AGCGGGACATGGTGGTCAACCTTCCACGAGCTGGAGAAGATGACCGAGGTCTGGACC
 ACGAGGAGCGGGTCACTCTCGAACCTCAGCAAGGTCTGGAGATGGTGGAGGAGTGCAGC
 GCGGATGCAGCCGACTGCAGCAACCCCTCACCTGGACGAGTGTGCCCGCATCTTCG
 AAACCTCGCAGGACAAGTACTATGAGGAGTACAGGATGTCCGACCGTGTGGACCTTGCTG
 TGGCCATCGTCTATCCACTCATGAAGGAGTACTTCAAGGAGTGGGATCCCCTCAAAGACT
 GCATTTATGGCACCGAGATCATCTCTAAGTGGAAAAGCCTCTAGAGAATGACCAGCTCT
 TGTCCTATGGCGGACAGGACCTCTCAGCAGATGCCTTTCACAGGTTGATATGGGAAGTCT
 GGATGCCTTTTGTTCGAAATATTGTCACCCAGTGGCAGCCAAGGAAGTGTGACCCGATGG
 TGGACTTTTTGGATAGTTGGGTGCACATTATTCCTGTGTGGATCTTAGATAACATACTGG
 ACCAACTCATCTCCCAAGCTGCAAAAAGGAGGTGGAAAAGTGGAAACCCGCTCACAGACA
 CTGTTCCCATCCACTCTTGGATCCACCCATGGCTGCCCTTATGCAGGCACGGCTGGAGC
 CACTCTATTTCCCATCCGTAGTAAGCTGTCCAGCGCCCTGCAGAAGTGGCACCCACGG
 ACTCCTCTGCCAAGCTCATCCTCCAGCCCTGGAAGGATGTCTTCACTCCTGGCTCCTGGG
 AAGCATTATGGTCAAAAACATAGTGCCCAAGCTGGGGATGTGTCTTGGTGGAGCTAGTCA
 TTAACCCCAACAGCAGCACATGGATGCATTCTATTGGGTGATTGACTGGGAAGGGATGA
 TCTCTGTCTTAGCCTGGTGGGACTTCTTGGAAAAGCACTTCTTCCCAAGTGGCTTCAGG
 TGCTGTGCTCTTGGCTCAGTAACAGCCCAATATGAGGAGATCACCAAGTGGTACCTGG
 GTTGGAAAGTCGATGTTCTCAGACCAAGTGTGGCACATCCATCTGTCAAGGACAAAATTA
 ATGAGGCACCTTGATATCATGAACCGGGCGGTCTCCTCAAACGTTGGTGCCTACATGCAGC
 CAGGAGCACGGGAGAACATTGCCTATCTCACCCACACGGAGCGGAGGAAGGACTTCCAGT
 ACGAGGCCATGCAGGAGAGCGGGAGGCTGAGAACATGGCTCAGAGGGGCAATTGGCGTGG
 CCGCTAGCTCTGTGCCATGAACTTAAGGACCTCATTGAGACCAAGGCTGAGGAGCACA
 ACATTGTCTTATGCCGTCATTGGGAAGCGACACGAAGGGAAGCAGCTTACACCTTTG
 GCCGATTGTGATCTACATTGACCGGGGAGTGGTCTTTGTCCAGGGCGAGAAGACGTGGG
 TGCCACCTCACTGCAGAGCCTGATCGACATGGCCAAGTGAAGTGTGGCAGGTCCAGAAC
 CAGTCAGAGACTTGCCCTAAGAGGGATGACTGTAATAAACAGTATTTTTAGATCACC
 TTCAAAAAAAAAAAAAAAAAA

Restriction Sites:

Please inquire

ACCN:	NM_001008697
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).
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:	<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:	<u>NM_001008697.1</u> , <u>NP_001008697.1</u>
RefSeq Size:	2941 bp
RefSeq ORF:	2514 bp
Locus ID:	24144
UniProt ID:	<u>Q9UBB9</u>
Cytogenetics:	22q12.1
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 (1) encodes isoform 1. Variants 1-6 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>