

## Product datasheet for **SC306314**

### CIKS (TRAF3IP2) (NM\_147686) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CIKS (TRAF3IP2) (NM_147686) Human Untagged Clone
Tag:	Tag Free
Symbol:	CIKS
Synonyms:	ACT1; C6orf2; C6orf4; C6orf5; C6orf6; CANDF8; CIKS; PSORS13
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_147686 edited  
 AGAAGGTGGAGGGAGACGAGAAGCCGCCGAGAGCCGACTACCCTCCGGGCCAGTCTGTC  
 TGTCCTGGTGGATCTAAGAACTAGAATGAACCGAAGCATTCTGTGGAGGTTGATGAA  
 TCAGAACCATACCAAGTCAGTTGCTGAAACCAATCCCAGAATATCCCCGGAAGAGGAA  
 TCAGAACCACCTGCTCCAAATATAAGGAACATGGCACCCAACAGCTTGTCTGCACCCACA  
 ATGCTTCACAATTCCTCCGGAGACTTTTCTCAAGCTCACTCAACCCTGAAACTTGCAAT  
 CACCAGCGGCTGTATCCCGCAGGTCACCTGCCTGCGCACTCAAGTTCTGGAGGACAGT  
 GAAGACAGTTTCTGCAGGAGACACCAGCCTGGGCAAAGCTTTCCTTCTGGGTGCTCT  
 GCAGTCAGCGAGCCTGCGTCTGAGTCTGTGGTTGGAGCCCTCCCTGCAGAGCATCAGTTT  
 TCATTTATGAAAAACGTAATCAATGGCTGGTATCTCAGCTTTCAGCGGCTTCTCCTGAC  
 ACTGGCCATGACTCAGACAAATCAGACAAAGTTACCTAATGCCTCAGCAGACTCCTTG  
 GGCGGTAGCCAGGAGATGGTGCAACGGCCCGAGCCTCACAGGAACCGAGCAGGCTGGAT  
 CTGCCAACATAGACACGGGATATGATTCAGCCCGAGGATGTCCTGGGCATCAGGCAG  
 CTGGAAAGGCCCTGCCCTCACCTCCGTGTGTTACCCAGGACCTCCCAGACCTCTC  
 AGGTCCAGGGAGTCCCTCAGTTTGAACCTCAGAGGTATCCAGCATGTGCACAGATGCTG  
 CCTCCCAATCTTTCACCATGCTCCATGGAACATCATTACCATTGCTCTGGAAGTCCC  
 GATCACCAGGTGCCATATGGCCATGACTACCCTCGAGCAGCCTACCAGCAAGTGATCCAG  
 CCGGCTCTGCCTGGGAGCCCTGCCTGGAGCCAGTGTGAGAGGCCTGCACCCTGTGCAG  
 AAGGTTATCCTGAATTATCCCAGCCCTGGGACCAAGAAGAGAGGCCCGCACAGAGAGAC  
 TGCTCCTTTCGGGGCTTCCAAGGCACAGGACAGCCACATCACCAGCCACCTAATAGA  
 GCTGGTCTCCTGGGAGTCTTGGAGTGCCCTGCAGAGCTGAGACCACAGGTTCCCCAG  
 CCTCCGTCACAGCTGCTGTGCTAGACCCCTAGCAACCCTCCAGCCAGAGGAACTCTA  
 AAAACAAGCAATTTGCCAGAAGAATTGCGGAAAGTCTTTATCACTATTTCGATGGACACA  
 GCTATGGAGGTGGTGAATTCGTGAACTTTTTGTGGTAAATGGCTTCCAAACTGCAATT  
 GACATATTTGAGGATAGAATCCGAGGCATTGATATCATTAAATGGATGGAGCGCTACCTT  
 AGGGATAAGACCGTGATGATAATCGTAGCAATCAGCCCCAAATACAAACAGGACGTGGAA  
 GGCGCTGAGTCGAGCTGGACGAGGATGAGCATGGCTTACATACTAAGTACATTCATCGA  
 ATGATGCAGATTGAGTTCATAAAAACAAGGAAGCATGAATTCAGATTATCCCTGTGCTC  
 TTCCCAATGCTAAGAAGGAGCATGTGCCACCTGGCTTCAGAACACTCATGTCTACAGC  
 TGGCCCAAGAATAAAAAAACATCCTGCTGCGGCTGCTGAGAGAGGAAGAGTATGTGGCT  
 CCTCCACGGGGCTCTGCCACCCTTCAGGTGGTTCCCTTGTGACACCGTTTCATCCCCA  
 GATCACTGAGGCCAGGCCATGTTTGGGGCTTGTCTGACAGCATTCTGGCTGAGGCTGG  
 TCGGTAGCACTCCTGGCTGGTTTTTTTCTGTTCCCTCCCGAGAGGCCCTCTGGCCCCAG  
 GAAACCTGTTGTGCAGAGCTCTTCCCGGAGACCTCCACACACCTGGCTTTGAAGTGGA  
 GTCTGTGACTGCTCTGCATTCTCTGCTTTAAAAAACCATTCAGGTGCCAGTGTCCCA  
 TATGTTCTCCTGACAGTTTGTGTGCCATTCTGGGCTCTCAGTGCTTAGCAAGTAGA  
 TAATGTAAGGGATGTGGCAGCAATGAAATGACTACAAACACTCTCCTATCAATCACTT  
 CAGGCTACTTTTATGAGTTAGCCAGATGCTTGTGTATCCTCAGACCAAACCTGATTATGT  
 ACAATAATAAAATGTTTACTCTTTTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_147686

**Insert Size:** 2300 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).

<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_147686.1</a> , <a href="#">NP_679211.1</a>
<b>RefSeq Size:</b>	2514 bp
<b>RefSeq ORF:</b>	1698 bp
<b>Locus ID:</b>	10758
<b>UniProt ID:</b>	<a href="#">O43734</a>
<b>Cytogenetics:</b>	6q21
<b>Gene Summary:</b>	<p>This gene encodes a protein involved in regulating responses to cytokines by members of the Rel/NF-kappaB transcription factor family. These factors play a central role in innate immunity in response to pathogens, inflammatory signals and stress. This gene product interacts with TRAF proteins (tumor necrosis factor receptor-associated factors) and either I-kappaB kinase or MAP kinase to activate either NF-kappaB or Jun kinase. Several alternative transcripts encoding different isoforms have been identified. Another transcript, which does not encode a protein and is transcribed in the opposite orientation, has been identified. Overexpression of this transcript has been shown to reduce expression of at least one of the protein encoding transcripts, suggesting it has a regulatory role in the expression of this gene. [provided by RefSeq, Aug 2009]</p> <p>Transcript Variant: This variant (2) encodes isoform (2). 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>