

## Product datasheet for **RC220419**

### CIKS (TRAF3IP2) (NM\_147200) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CIKS (TRAF3IP2) (NM_147200) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CIKS
Synonyms:	ACT1; C6orf2; C6orf4; C6orf5; C6orf6; CANDF8; CIKS; PSORS13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC220419 representing NM\_147200.  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCCTCCTCAGCTTCAAGAACTAGAATGAACCGAAGCATTCTGTGGAGTTGATGAATCAGAACCA
TACCCAAGTCAGTTGCTGAAACCAATCCAGAATATCCCGGAAGAGGAATCAGAACCACCTGCTCCA
AATATAAGGAACATGGCACCCAACAGCTTGTCTGCACCCACAATGCTTCACAATTCCTCCGGAGACTTT
TCTCAAGCTCACTCAACCCTGAAACTTGCAAAATACCAGCGGCCTGTATCCCGGAGGTCACCTGCCTG
CGCACTCAAGTTCTGGAGGACAGTGAAGACAGTTTCTGCAGGAGACACCCAGGCCTGGGCAAAGCTTTC
CCTTCTGGGTGCTCTGCAGTCAGCGAGCCTGCGTCTGAGTCTGTGGTTGGAGCCCTCCCTGCAGAGCAT
CAGTTTTCATTTATGGAAAAACGTAATCAATGGCTGGTATCTCAGCTTTCAGCGGCTTCTCTGACACT
GGCCATGACTCAGACAAATCAGACCAAAGTTTACCTAATGCCTCAGCAGACTCCTGGGCGGTAGCCAG
GAGATGGTGAACGGCCCGCCTCACAGGAACCGAGCAGGCCTGGATCTGCCAACCATAGACACGGGA
TATGATCCAGCCCGAGGATGTCTGGGCATCAGGCAGCTGAAAGGCCCTGCCCTCACCTCCGTG
TGTACCCCGAGGACCTCCCGAGCCTCTCAGGTCAGGGAGTTCCCTCAGTTTGAACCTCAGAGGTAT
CCAGCATGTGCACAGATGCTGCCTCCCAATCTTCCCCACATGCTCCATGGAACATCATTACCATTGT
CCTGGAAGTCCCGATCACCAGGTGCCATATGGCCATGACTACCCTCGAGCAGCCTACCAGCAAGTATC
CAGCCGGCTCTGCCTGGGAGCCCTGCCTGGAGCCAGTGTGAGAGGCCTGCACCCTGTGCAGAAGGTT
ATCCTGAATTATCCAGCCCTGGGACCAAGAAGAGAGGCCCGCACAGAGAGACTGCTCCTTCCGGGG
CTTCCAAGGCACCGAGGACCCACATCACCAGCCACCTAATAGAGCTGGTGTCTCTGGGAGTCCCTTG
GAGTGCCCTGCAGAGCTGAGACCACAGGTTCCCGAGCCTCCGTCGCCAGCTGTGTGCCTAGACCCCT
AGCAACCCCTCAGCCAGAGGAACCTCTAAAAACAAGCAATTTGCCAGAAGAATTGCGGAAAGTCTTTATC
ACTTATTCGATGGACACAGCTATGGAGGTGGTGAATTCGTGAACTTTTTGTGGTAAATGGCTTCCAA
ACTGCAATTGACATATTTGAGGATAGAATCCGAGGCATTGATATCATTAAATGGATGGAGCGCTACCTT
AGGGATAAGACCGTGATGATAATCGTAGCAATCAGCCCCAAATACAAACAGGACGTGGAAGGCGCTGAG
TCGCAGCTGGACGAGGATGAGCATGGCTTACATACTAAGTACATTCATCGAATGATGCAGATTGAGTTC
ATAAAACAAGGAAGCATGAATTTAGATTACCTCTGTCTTCCCAAATGCTAAGAAGGAGCATGTG
CCCACCTGGCTTCAAGCACTCATGTCTACAGCTGGCCCAAGAATAAAAAAACATCCTGCTGCGGCTG
CTGAGAGAGGAAGATATGTGGCTCTCCACGGGGCCTCTGCCACCCTCAGGTGTTCCCTTG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
```

**Protein Sequence:**

>Peptide sequence encoded by RC220419  
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MPPQLQETRMNRSIPVEVDESEPYSQLLKPIPEYSPEEESPEPPAPNIRNMAPNSLSAPTMLHNSGDF
SQAHLSTLKLANKHQRVSRVQVTLRQTQVLEDESDSFCRRHPGLGKAFPSGCSAVSEPASESVVGALPAEH
QFSFMEKRNQWLVSQLSAASPDTHGSDKSDQSLPNASADSLGGSQEMVQRQPQPHRNAGLDLPTIDTG
YDSQPQDVLGIRQLERPLPLTSVCYPQDLPRPLRSREFPQFEPQRYPACAQMLPPNLSHAPWNYHYHC
PGSPDHQVPYGHDPRAAYQQVIQPALPGQPLPGASVRLHPVQKVIILNYPSPWDQEERPAQRDCSFPG
LPRHQDQPHHQPNNRAGAPGESLECPAELRPQVPQPPSPAAVPRPPSNPPARGTLKTSNLPEELRKVFI
TYSMDTAMEVVKFVNFLLVNGFQTAIDIFEDRIRGIDIKWMERYLRDKTVMIIVAISPKYKQDVEGAE
SQLDEDEHGLHTKYIHRMMQIEFIKQGSNMFRIPVLPNAPKEHVPTWLNQTHVYVSWPKNKNILLRL
LREEEYVAPPRGPLPTLQVVPL
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mg3815\\_g09.zip](https://cdn.origene.com/chromatograms/mg3815_g09.zip)

**Restriction Sites:**

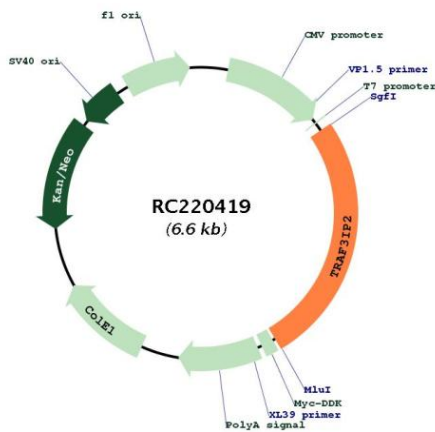
SgfI-MluI



**MW:** 64.7 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for RC220419