

## Product datasheet for RC201935

### IFI44L (NM\_006820) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	IFI44L (NM_006820) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	IFI44L
Synonyms:	C1orf29; GS3686
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201935 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTTGAAAGATGCAGCCGTCAGGGATGTAATAACAATGGCTTACATTGATTACAATATGATTGTAG  
CCTTTATGCTTGGAAATTATATTAATTTACATGAAAGTTCTACAGAGCCAAATGATTCCCTATGGTTTTC  
ACTTCAAAGAAAAATGACACCACTGAAATAGAACTTTACTCTAAATACAGCACCAAAAATTATTGAT  
GAGCAACTGGTGTGTCGTTTATCGAAAACGGATATTTTCATTATATGTCGAGATAATAAAATTTATCTAG  
ATAAAATGATAACAAGAACTTGAAGTAAAGGTTTTATGGCCACCGTCAGTATTTGGAATGTGAAGTTTT  
TCGAGTTGAAGGAATTAAGGATAACCTAGACGACATAAAGAGGATAATTAAGCCAGAGAGCACAGAAAT  
AGGCTTCTAGCAGACATCAGAGACTATAGGCCCTATGCAGACTTGGTTTTAGAAAATTCGATTTCTTTGG  
TGGTCCAGTTGGGTCTGGAAAGTCCAGTTTTTCAATTCAGTCAAGTCTATTTTTCATGGCCATGTGAC  
TGGCCAAGCCGTAGTGGGTCTGATATCACCAGCATAACCGAGCGGTATAGGATATATTCTGTTAAAGAT  
GGAAAAATGGAAATCTCTGCCATTTATGTTGTGTGACACTATGGGGCTAGATGGGGCAGAAGGAGCAG  
GACTGTGCATGGATGACATTCACCATCTTAAAGGTTGATGCCAGACAGATACAGTTAATTCCTCC  
TAAACCAATTACACCTGAGCATTCTACTTTTATCACCTCTCCATCTCTGAAGGACAGGATCACTGTGTG  
GCTTATGCTTAGACATCAACTCTATTGACAATCTACTCTAAAATGTTGGCAAAAGTGAAGCAAGTTC  
ACAAAGAAGTATTAAGTGGTATAGCATATGTGGCCTTGCTTACTAAAGTGGATGATTGCAGTGAGGT  
TCTTCAAGACAATTTTTAAACATGAGTAGATCTATGACTTCTCAAAGCCGGGTGATGAATGTCCATAAA  
ATGCTAGGCATTCTATTTCCAATATTTTATGTTGGAACTATGCTTCAGATTTGGAAGTGGACCCCA  
TGAAGGATATTCTCATCTCTGCACTGAGGCAGATGCTGCGGGCTGCAGATGATTTTTAGAAGATT  
GCCTCTTGAGGAACTGGTGCAATTGAGAGAGCGTTACAGCCCTGCATT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAAGTTTAA



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**Protein Sequence:** >RC201935 protein sequence  
Red=Cloning site Green=Tags(s)

MVERCSRQGCTITMAYIDYNMIVAFMLGNYINLHESSTEPNDLWFLSQKNDTTEIETLLLNTAPKIID  
 EQLVCRLSKTDIFIICRDNKIYLDKMITRNLKRFYGHRQYLECEVFRVEGIKDNLDDIKRIKAREHRN  
 RLLADIRDYRPYADLVSEIRILLVGPVSGKSSFFNSVKSIHGHVGTQAVVGS DITSITERYRIYSVKD  
 GKNGKSLPFMLCDTMGLDGAEGAGLCMDDIPHILKGCMPDRYQFNSRKPITPEHSTFITSPSLKDRIHCV  
 AYYLDINSIDNLYSKMLAKVKQVHKEVLNCGIAYVALLTKVDDCSEVLQDNFLNMSRMTSQSRVMNVHK  
 MLGIPIISNILMVGNYASDLELDPMKDILILSALRQMLRAADDFLEDLPLEETGAIERALQPIC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6003\\_a09.zip](https://cdn.origene.com/chromatograms/mk6003_a09.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_006820

**ORF Size:** 1239 bp

**OTI Disclaimer:** 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](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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\\_006820.1](#), [NP\\_006811.1](#)

**RefSeq Size:** 5889 bp

**RefSeq ORF:** 1359 bp

**Locus ID:** 10964

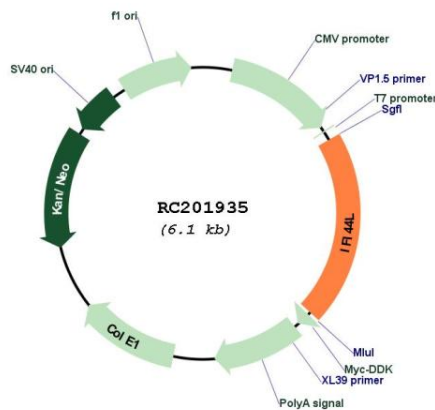
**UniProt ID:** [Q53G44](#)

**Cytogenetics:** 1p31.1

**MW:** 46.9 kDa

**Gene Summary:** Exhibits a low antiviral activity against hepatitis C virus.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC201935