

## Product datasheet for **RC233477**

### IFTAP (NM\_001276722) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** IFTAP (NM\_001276722) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** IFTAP  
**Synonyms:** C11orf74; HEPIS; NWC  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC233477 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCTGCCCATATGTCAGGATTGGAAATAATGGATGAAGATCAATTAATCAAAGACGTCTTGGATAAAT  
TCCTTAATTGTCATGAGCAAACATATGATGAAGAATTTCTGAACACTTTTACTCATCTTTCACAAGAGGA  
TCATGTGTCCAAAAGGGAGTGTGGAACTGATTCCTCAGAAAACATTTTACCTCAGCAAAGTTACT  
CATAAAAATGAAGCAGATGACTACCATCTTAGAAAATAAAACCATCTTCTTCGTACTTCATCACAATGTT  
TGAAGAACAGGTAGATAATTTCTAGATTTAGAAGATTTGGACATGGATGAAGAGATTAACCCCAAAT  
GAGTGAGGATTTGCTGCTGCTTCCAGGAGAAGTGGAGCAGGATGTAAGCACCGCATTTCCTCTGTATC  
CCTTTTGTGGCCAGCCTCCTACCTGTGAAGTGAAGCCAAAGCCAGTGTTAAAAGAATGGACAAACAGA  
CGGAAGAGATACTTGGAGATGAAGTTCAACTTTTTCACTTGTGAAGAATTTGATTATGACAATGTGAT  
GCTAACCTCCAAGTTTAGTCCTGCAGAGATAGAGAACATCAAAGAGCTATGCAAGCAGCAGAAGAGAAA  
GACACCAGCCAGACTTAGAGAAATCCTGTGAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC233477 protein sequence  
Red=Cloning site Green=Tags(s)

MSAHMSGLEIMDEDQLIKDVLDFLNCHQTYDEEFLNTFTHLSQEDHVS KRGVFGTDSSENIFTSAKVT  
 HKNEADYHLRNKTI FLRTSSQCLEEQVDNFDLEDLDMDEEIKPQMSEDLLLLPGEVEQDVSTSI  
 PFVAQPPTCEVKPKPSVKRMDKQTEEILGDEVQLFSLDEEFDYDNVMLTSKFSPAE IENIKELCKQK  
 RKRKDTSPDLEKSCD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6351\\_f04.zip](https://cdn.origene.com/chromatograms/mk6351_f04.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001276722

**ORF Size:** 663 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\\_001276722.1](#), [NP\\_001263651.1](#)

**RefSeq Size:** 1080 bp

**RefSeq ORF:** 666 bp

**Locus ID:** 119710

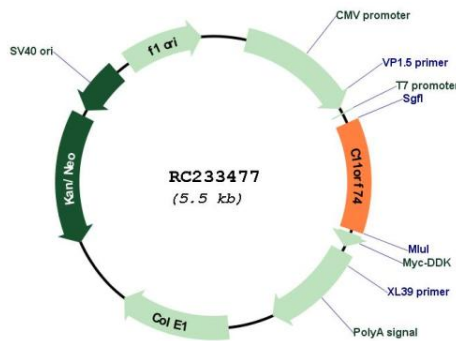
**UniProt ID:** [Q86VG3](#)

**Cytogenetics:** 11p12

**MW:** 25.4 kDa

**Gene Summary:** This gene encodes a protein that was identified as a cellular interacting partner of non-structural protein 10 of the severe acute respiratory syndrome coronavirus (SARS-CoV). The encoded protein may function as a negative regulator of transcription. There is a pseudogene for this gene on chromosome 1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]

**Product images:**



Circular map for RC233477