

Product datasheet for **RC233478**

IFTAP (NM_001276723) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IFTAP (NM_001276723) 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:	>RC233478 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGCCCATATGTCAGGATTGGAAATAATGGATGAAGATCAATTAATCAAAGACGTCTTGGATAAAT
TCCTTAATTGTCATGAGCAAACATATGATGAAGAATTTCTGAACACTTTTACTCATCTTTCACAAGAGGA
TCATGTGTCCAAAAGGGAGTGTGGAACTGATTCCTCAGAAAACATTTTACCTCAGCAAAGTTACT
CATAAAAATGAAGCAGATGACTACCATCTTAGAAAATAAAACCATCTTCTTCGTACTTCATCACAATGTT
TGAAGAACAGGTAGATAATTTCTAGATTTAGAAGATTTGGACATGGATGAAGAGATTAACCCCAAAT
GAGTGAGGATTTGCTGCTGCTTCCAGGAGAAGTGGAGCAGGATGTAAGCACCAGCATTCTTCTGTATC
CCTTTTGTGGCCAGCCTCCTACCTGTGAAGTGAAGCCAAAGCCAGTGTTAAAAGAATGGACAAACAGA
CGGAAGAGATACTTGGAGATGAAGTTCAACTTTTTCACTTGATGAAGAATTTGATTATGACAATGTGAT
GCTAACCTCCAAGTTTAGTCCTGCAGAGATAGAGAACATCAAAGAGCTATGCAAGCAGCAGAAGAGAAA
GACACCAGCCAGACTTAGAGAAATCCTGTGAC

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC233478 protein sequence
Red=Cloning site Green=Tags(s)

MSAHMSGLEIMDEDQLIKDVLDFLNCHQTYDEEFLNTFTHLSQEDHVSKRGVFGTDSSENIFTSAKVT
 HKNEADYHLRNKTI FLRTSSQCLEEQVDNFDLEDLDMDEEIKPQMSEDLLLLPGEVEQDVSTSI
 PFVAQPPTCEVKPKPSVKRMDKQTEEILGDEVQLFSLDEEFDYDNVMLTSKFSPAEINIKELCKQK
 RRDTSPLDKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6351_f04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001276723

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_001276723.1](#), [NP_001263652.1](#)

RefSeq Size: 960 bp

RefSeq ORF: 666 bp

Locus ID: 119710

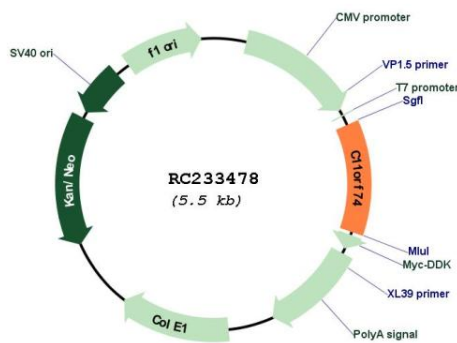
UniProt ID: [Q86VG3](#)

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 RC233478