

# **Product datasheet for RC230967**

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## C16orf5 (CDIP1) (NM\_001199056) Human Tagged ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** C16orf5 (CDIP1) (NM\_001199056) Human Tagged ORF Clone

Tag: Myc-DDK
Symbol: CDIP1

Synonyms: C16orf5; CDIP; I1; LITAFL

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >RC230967 representing NM\_001199056
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

 ${\tt TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC}$ 

GCCGCGATCGCC

CTGCAAAGCCTACATCTACACGTACAAGCGCCTGTGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230967 representing NM\_001199056

Red=Cloning site Green=Tags(s)

MSSEPPPPYPGGPTAPLLEEKSGAPPTPGRSSPAVMQPPPGAATTVTVLQGEIFEGAPVQTVCPHCQQAI

TTKISYEIGLMNFVLGFFCCFMGCDLGCCLIPCLINDFKDVTHTCPSCKAYIYTYKRLC

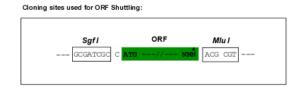
**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

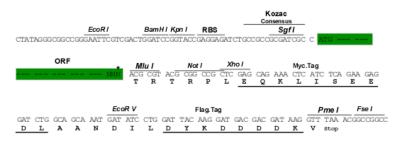
**Restriction Sites:** Sgfl-Mlul





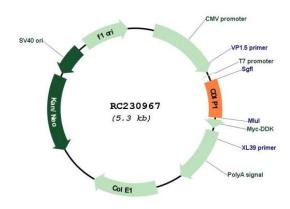
#### **Cloning Scheme:**





<sup>\*</sup> The last codon before the Stop codon of the ORF

#### Plasmid Map:



**ACCN:** NM\_001199056

ORF Size: 387 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



### C16orf5 (CDIP1) (NM\_001199056) Human Tagged ORF Clone - RC230967

**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: <u>NM 001199056.2</u>

 RefSeq ORF:
 390 bp

 Locus ID:
 29965

 UniProt ID:
 Q9H305

 Cytogenetics:
 16p13.3

**Protein Families:** Transmembrane

MW: 14.2 kDa

**Gene Summary:** Acts as an important p53/TP53-apoptotic effector. Regulates TNF-alpha-mediated apoptosis in

a p53/TP53-dependent manner.[UniProtKB/Swiss-Prot Function]