

## Product datasheet for **RC225816**

### FLIP (CFLAR) (NM\_001127183) Human Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | FLIP (CFLAR) (NM_001127183) Human Tagged ORF Clone   |
| Tag:                      | Myc-DDK  |
| Symbol:                   | FLIP   |
| Synonyms:                 | c-FLIP; c-FLIPL; c-FLIPR; c-FLIPS; CASH; CASP8AP1; Casper; cFLIP; CLARP; FLAME; FLAME-1; FLAME1; FLIP; I-FLICE; MRIT |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |



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**ORF Nucleotide Sequence:**

>RC225816 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCTGTGTAAGTCATCCATCAGTTGAAGAAGCACTTGATACAGATGAGAAGGAGATGCTGCTCTTTT  
 TGTGCCGGGATGTTGCTATAGATGTGGTCCACCTAATGTCAGGGACCTTCTGGATATTTTACGGGAAAG  
 AGGTAAGCTGTCTGTCGGGGACTTGGCTGAACTGCTCTACAGAGTGAGGCGATTTGACCTGCTCAAACGT  
 ATCTTGAAGATGGACAGAAAAGCTGTGGAGACCCACCTGCTCAGGAACCTCACCTTGTTTCGGACTATA  
 GAGTGCTGATGGCAGAGATTGGTGAGGATTTGGATAAATCTGATGTGTCCTATTAATTTTCTCATGAA  
 GGATTACATGGGCCGAGGCAAGATAAGCAAGGAGAAGAGTTTCTGGACCTTGTGGTTGAGTTGGAGAAA  
 CTAATCTGGTTGCCAGATCAACTGGATTTATTAGAAAATGCCTAAAGAATCCACAGAATAGACC  
 TGAAGACAAAAATCCAGAAGTACAAGCAGTCTGTTCAAGGAGCAGGACAAGTTACAGGAATGTTCTCCA  
 AGCAGCAATCCAAAAGAGTCTCAAGGATCTTCAAATAACTTCAGGCTCCATAATGGGAGAAGTAAAGAA  
 CAAAGACTTAAGGAACAGCTTGGCGCTCAACAAGAACCAGTGAAGAAATCCATTCAGGAATCAGAAGCTT  
 TTTTGCCTCAGAGCATACCTGAAGAGAGATACAAGATGAAGAGCAAGCCCTAGGAATCTGCCTGATAAT  
 CGATTGCATTGGCAATGAGACAGAGCTTCTTCGAGACACCTTCACTTCCCTGGGCTATGAAGTCCAGAAA  
 TTCTTGCATCTCAGTATGCATGGTATATCCAGATTCTTGGCCAAATTTGCCTGTATGCCCGAGCACCAG  
 ACTACGACAGCTTTGTGTGTCTCTGGTGAGCCGAGGAGGCTCCCAGAGTGTGTATGGTGTGGATCAGAC  
 TCACTCAGGGCTCCCCGCATCACATCAGGAGGATGTTTCATGGGAGATTTCATGCCCTTATCTAGCAGGG  
 AAGCCAAAGATGTTTTTATTAGAATATGTGGTGTGAGAGGCGAGCTGGAGGACAGCAGCCTCTTGG  
 AGGTGGATGGGCCAGCGATGAAGAATGGAATCAAGGCTCAGAAGCGAGGGCTGTGCACAGTTCACCG  
 AGAAGCTGACTTCTTCTGGAGCCTGTGTACTGCGGACATGTCCTGCTGGAGCAGTCTCACAGTCCACCA  
 TCCTGTACCTGCAGTGCCTCTCCAGAACTGAGACAAGAAAAGAAAACGCCACTCCTGGATCTTCACA  
 TTGAACTCAATGGCTACATGTATGATTGGAACAGCAGAGTTTCTGCCAAGGAGAAATATTATGTCTGGCT  
 GCAGCACACTCTGAGAAAGAACTTATCTCTCTACACA

**ACCGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225816 protein sequence  
 Red=Cloning site Green=Tags(s)

MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLLDILRERKLSVGDLAELLYRVRFDLLKR  
 ILKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIFLMKDYMGKGI SKEKSFLDLVVELEK  
 LNLVAPDQLDLEKLNHRIDLKTKIQKYKQSVQAGTSYRNVLQAAIQKSLKDPNNFRLHNGRSKE  
 QRLKEQLGAQEPVKKSIQESEAFLPQSIPEERYKMKSKPLGICLIIDCIGNETELLRDFTSLGYEVQK  
 FLHLSMHGISQILGQFACMPEHRDYDSFVCLVSRGGSQSVYGVQDTHSGLPLHHIRRMFMGDSCPYL  
 KPKMFFIQNYVYVSEGQLEDSSLLEVDGPAMKNVEFKAQKRGLCTVHREADFFWSLCTADMSLLEQSHSSP  
 SLYLQCLSQKLRQERKRPLLDLHIELNGYMYDWNRSRVSKEKYYVWLQHTLRKKLILSYT

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk6081\\_g09.zip](https://cdn.origene.com/chromatograms/mk6081_g09.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001127183

**ORF Size:** 1440 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\\_001127183.4](#)

**RefSeq Size:** 10668 bp

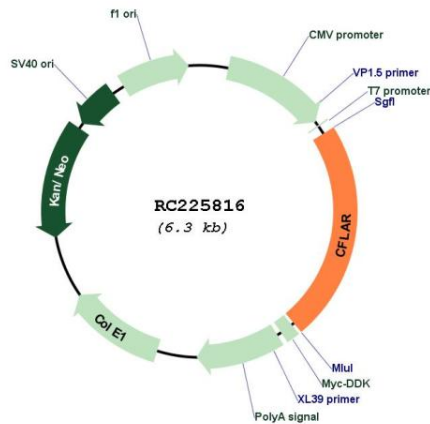
**RefSeq ORF:** 1443 bp

**Locus ID:** 8837

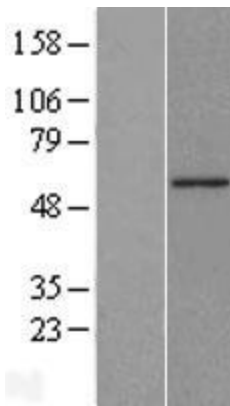
**UniProt ID:** [O15519](#)

**Cytogenetics:** 2q33.1  
**Protein Families:** Druggable Genome, Protease  
**Protein Pathways:** Apoptosis  
**MW:** 55.3 kDa  
**Gene Summary:** The protein encoded by this gene is a regulator of apoptosis and is structurally similar to caspase-8. However, the encoded protein lacks caspase activity and appears to be itself cleaved into two peptides by caspase-8. Several transcript variants encoding different isoforms have been found for this gene, and partial evidence for several more variants exists. [provided by RefSeq, Feb 2011]

**Product images:**



Circular map for RC225816



Western blot validation of overexpression lysate (Cat# [LY426693]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225816 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).