

Product datasheet for **RC232736**

FLIP (CFLAR) (NM_001202516) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLIP (CFLAR) (NM_001202516) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CFLAR
Synonyms:	c-FLIP; c-FLIPL; c-FLIPR; c-FLIPS; CASH; CASP8AP1; Casper; cFLIP; CLARP; FLAME; FLAME-1; FLAME1; FLIP; I-FLICE; MRIT
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RC232736 representing NM_001202516
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTGTGTAAGTCATCCATCAGTGAAGAAGCACTTGATACAGATGAGAAGGAGATGCTGCTCTTTT
 TGTGCCGGGATGTTGCTATAGATGTGGTCCACCTAATGTCAGGGACCTTCTGGATATTTTACGGGAAAG
 AGGTAAGCTGTCTGTCGGGGACTTGGCTGAAGTCTCTACAGAGTGAGGCGATTTGACCTGCTCAAACGT
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 GAGTGCTGATGGCAGAGATTGGTGAAGTTGGATAAATCTGATGTGTCCTATTAATTTTCTCATGAA
 GGATTACATGGGCCGAGGCAAGATAAGCAAGGAGAAGAGTTTCTGGACCTTGTGGTTGAGTTGGAGAAA
 CTAATCTGGTTGCCAGATCAACTGGATTTATTAGAAAATGCCTAAAGAATCCACAGAATAGACC
 TGAAGACAAAAATCCAGAAGTACAAGCAGTCTGTTCAAGGAGCAGGACAAGTTACAGGAATGTTCTCCA
 AGCAGCAATCCAAAAGAGTCTCAAGGATCTTCAAATAACTTCAGGAGCATACTGAAGAGAGATACAAG
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 TCTTGGCCAAATTTGCCTGTATGCCGAGCACCAGACTACGACAGCTTTGTGTGTCTGGTGAGCCGA
 GGAGGCTCCCAGAGTGTGTATGGTGTGGATCAGACTCACTCAGGGCTCCCCTGCATCACATCAGGAGGA
 TGTTTATGGGAGATTGATGCCCTTATCTAGCAGGGAAGCCAAAGATGTTTTTATTCAGAACTATGTGGT
 GTCAGAGGGCCAGCTGGAGGACAGCAGCTCTTGGAGTGGATGGCCAGCGATGAAGAATGTGGAATTC
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 AGAGTTTCTGCCAAGGAGAAATATTATGTCTGGCTGCAGCACACTCTGAGAAAGAACTTATCCTCTCCT
 ACACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC232736 representing NM_001202516
 Red=Cloning site Green=Tags(s)

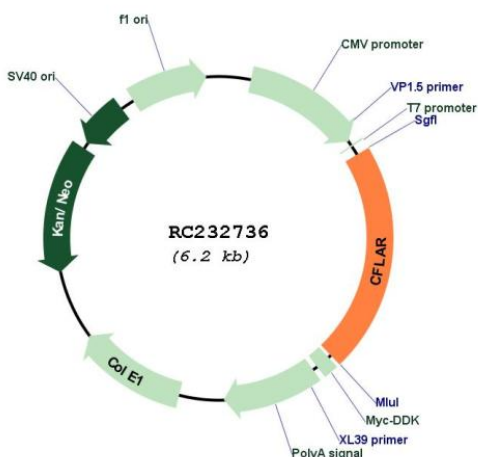
MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVPPNVRDILLILRERKLSVGDLAELLYRVRFDLLKR
 ILKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIFLMKDYMGGRKISKEKSFLLVVELEK
 LNLVAPDQLDLLEKCLKNIHRIDLKTKIQKYKQSVQAGTSYRNVLQAAIQKSLKDPNSNNFRSIPPEERYK
 MKSKPLGICLIIDCIGNETELLRDTFTSLGYEVQKFLHLSMHGISQILGQFACMPEHRDYDSFVCLVSR
 GGSQSVYGVVDQTHSGLPLHHIRRMFMGDSYLAGKPKMFFIQNYVYVSEGQLEDSSLLEVDPAMKNVEF
 KAQKRGLCTVHREADFFWSLCTADMSLLEQSHSSPSLYLQCLSQKLRQERKRPLLDLHIELNGMYDWN
 RVSAKEKYYVWLQHTLRKLLILSYT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Plasmid Map:


ACCN: NM_001202516

ORF Size: 1335 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_001202516.3](#)

RefSeq Size: 10535 bp

RefSeq ORF: 1338 bp

Locus ID: 8837

UniProt ID: [O15519](#)

Cytogenetics: 2q33.1

Protein Families: Druggable Genome, Protease

Protein Pathways: Apoptosis

MW: 51.8 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]