

Product datasheet for **RC225270**

FLIP (CFLAR) (NM_001127184) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLIP (CFLAR) (NM_001127184) 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)
ORF Nucleotide Sequence:	>RC225270 representing NM_001127184 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGCTGAAGTCATCCATCAGGTTGAAGAAGCACTTGATACAGATGAGAAGGAGATGCTGCTTTTT
TGTGCCGGGATGTTGCTATAGATGTGGTCCACCTAATGTCAGGGACCTTCTGGATATTTACGGGAAAG
AGGTAAGCTGTCTGTCGGGGACTTGGCTGAACTGCTCTACAGAGTGAGGCGATTTGACCTGCTCAAACGT
ATCTTGAAGATGGACAGAAAAGCTGTGGAGACCCACCTGCTCAGGAACCCTCACCTGTTTCGGACTATA
GAGTGCTGATGGCAGAGATTGGTGAGGATTTGGATAAACTGATGTGCCTCATTAAATTTCTCATGAA
GGATTACATGGGCCGAGGCAAGATAAGCAAGGAGAAGAGTTTCTGGACCTGTGGTTGAGTTGGAGAAA
CTAAATCTGGTTGCCCCAGATCAACTGGATTTATTAGAAAAATGCCTAAAGAACATCCACAGAATAGACC
TGAAGACAAAAATCCAGAAGTACAAGCAGTCTGTTCAAGGAGCAGGGACAAGTTACAGGAATGTTCTCCA
AGCAGCAATCCAAAAGAGTCTCAAGGATCCTTCAAATACTTCAGGATGATAACACCCTATGCCATTGT
CCTGATCTGAAAATTCTTGGAAATTGTTCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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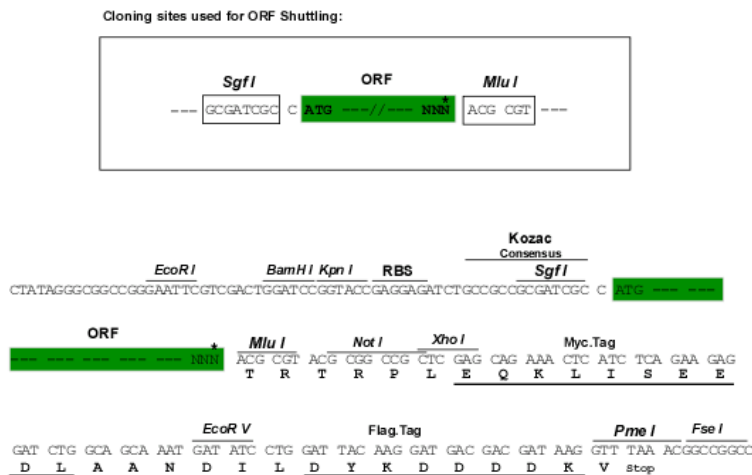
Protein Sequence: >RC225270 representing NM_001127184
Red=Cloning site Green=Tags(s)

MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLLDILRERKLSVGDLAELLYRVRFFDLLKR
 ILKMDRKAVETHLLRNPHLVSDYRVLMAEIGEDLDKSDVSSLIFLMKDYMGGRKISKEKSFLDLVVELEK
 LNLVAPDQLDLLEKCLKNIHRIDLKTKIQKYKQSVQAGTSYRNVLQAAIQKSLKDPSSNNFRMITPYAHC
 PDLKILGNCSM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



* The last codon before the Stop codon of the ORF

ACCN: NM_001127184

ORF Size: 663 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_001127184.3](#)

RefSeq ORF: 666 bp

Locus ID: 8837

UniProt ID: [O15519](#)

Cytogenetics: 2q33.1

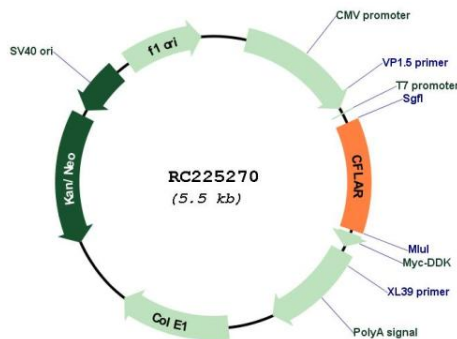
Protein Families: Druggable Genome, Protease

Protein Pathways: Apoptosis

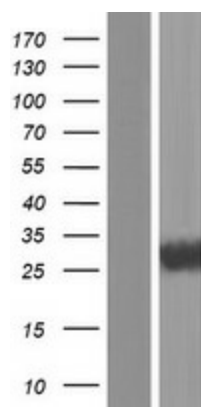
MW: 25.2 kDa

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]

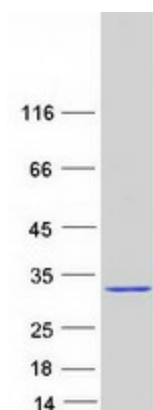
Product images:



Circular map for RC225270



Western blot validation of overexpression lysate (Cat# [LY426694]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225270 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified CFLAR protein (Cat# [TP325270]). The protein was produced from HEK293T cells transfected with CFLAR cDNA clone (Cat# RC225270) using MegaTran 2.0 (Cat# [TT210002]).