

Product datasheet for RC232587

FLIP (CFLAR) (NM_001202518) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLIP (CFLAR) (NM_001202518) 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
ORF Nucleotide Sequence:	>RC232587 representing NM_001202518 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGAGATTGGTGAGGATTTGGATAAATCTGATGTGTCTCATTAAATTTTCCTCATGAAGGATTACA
TGGGCCGAGGCAAGATAAGCAAGGAGAAGATTTCTTGGACCTTGTGGTTGAGTTGGAGAACTAAATCT
GGTTGCCCGAGTCAACTGGATTTATTAGAAAAATGCCTAAAGAACATCCACAGAATAGACCTGAAGACA
AAAATCCAGAAGTACAAGCAGTCTGTTCAAGGAGCAGGGACAAGTTACAGGAATGTTCTCCAAGCAGCAA
TCCAAAAGAGTCTCAAGGATCCTCAAATAACTTCAGGCTCCATAATGGGAGAAGTAAAGAACAAGACT
TAAGGAACAGCTTGGCGCTCAACAAGAACCAGTGAAGAAATCCATTCAGGAATCAGAAGCTTTTTGCCT
CAGAGCATACCTGAAGAGAGATACAAGATGAAGAGCAAGCCCCTAGGAATCTGCCTGATAATCGATTGCA
TTGGCAATGAGACAGAGCTTCTTCGAGACACCTTCACTTCCCTGGGCTATGAAGTCCAGAAATCTTGCA
TCTCAGTATGCATGGTATATCCCAGATTCTTGGCCAATTTGCCTGTATGCCCGAGCACCAGACTACGAC
AGCTTTGTGTGTCTCTGGTGAGCCGAGGAGGCTCCAGAGTGTGTATGGTGTGGATCAGACTCACTCAG
GGCTCCCCTGCATCACATCAGGAGGATGTTTATGGGAGATTCATGCCCTTATCTAGCAGGAAGCCAAA
GATGTTTTTTATTCAGAACTATGTGGTGTGAGGGCCAGCTGGAGGACAGCAGCTCTTGGAGGTGGAT
GGGCCAGCGATGAAGAATGTGGAATTCAGGCTCAGAAGCGAGGGCTGTGCACAGTTCACCGAGAAGCTG
ACTTCTTCTGGAGCCTGTGTACTGCGGACATGTCCCTGCTGGAGCAGTCTCACAGCTCACCATCCCTGTA
CCTGCAGTGCCTCTCCAGAACTGAGACAAGAAAGGGGACAATTCCCGGAAGTGAATTACAGAGTCA
AAGGACATGCATTTTTCAAGCCTCGGATGCATCTTACTAGATGTCCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RC232587 representing NM_001202518
 Red=Cloning site Green=Tags(s)

MAEIGEDLDKSDVSSLIIFLMKDYMGRGKISKEKSFLDLVVELEKLNLVAPDQLDLEKCLKNIHRIDLKT
 KIQKYQSVQAGTSYRNVLQAATQKSLKDPSSNFRLHNGRSKEQLKEQLGAQQEPVKKSIQESEAFLP
 QSIPEERYKMKSKPLGICLIIDICIGNETELLRDFTFSLGYEVQKFLHLSMHGISQILGQFACMPHRDYD
 SFVCVLVSRRGGSQSVYGVDTQTHSGLPLHHIRRMFMGDSFCPLAGPKMFFIQNYVYSEGQLEDSSLLEVD
 GPAMKNVEFKAQKRGCLCTVHREADFFWSLCTADMSLLEQSHSSPSLYLQCLSQKLRQERGTIPGSGITES
 KDMHFSSLGICILLDVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

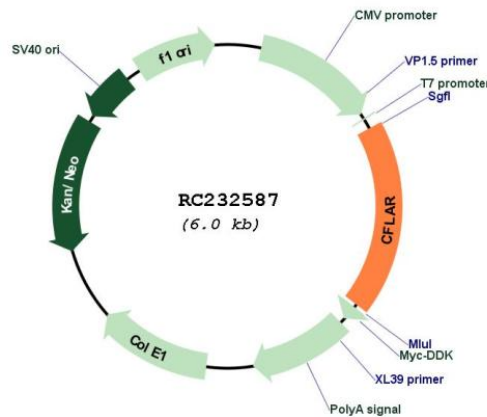
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:

NM_001202518

ORF Size:	1098 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:	<ol style="list-style-type: none">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_001202518.2
RefSeq Size:	10797 bp
RefSeq ORF:	1101 bp
Locus ID:	8837
UniProt ID:	O15519
Cytogenetics:	2q33.1
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Apoptosis
MW:	41.8 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]