

## Product datasheet for RC232626

### FLIP (CFLAR) (NM\_001202517) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FLIP (CFLAR) (NM_001202517) 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:	>RC232626 representing NM_001202517 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGAGATTGGTGAGGATTTGGATAAATCTGATGTGTCTCATTAAATTTTCCTCATGAAGGATTACA  
TGGGCCGAGGCAAGATAAGCAAGGAGAAGATTTCTTGGACCTTGTGGTTGAGTTGGAGAACTAAATCT  
GGTTGCCCGAGTCAACTGGATTTATTAGAAAAATGCCTAAAGAACATCCACAGAATAGACCTGAAGACA  
AAAATCCAGAAGTACAAGCAGTCTGTTC AAGGAGCAGGGACAAGTTACAGGAATGTTCTCCAAGCAGCAA  
TCCAAAAGAGTCTCAAGGATCCTCAAATAACTTCAGGCTCCATAATGGGAGAAGTAAAGAACAAGACT  
TAAGGAACAGCTTGGCGCTCAACAAGAACCAGTGAAGAAATCCATTCAGGAATCAGAAGCTTTTTGCCT  
CAGAGCATACCTGAAGAGAGATACAAGATGAAGAGCAAGCCCCTAGGAATCTGCCTGATAATCGATTGCA  
TTGGCAATGAGACAGAGCTTCTTCGAGACACCTTCACTTCCCTGGGCTATGAAGTCCAGAAATCTTGCA  
TCTCAGTATGCATGGTATATCCCAGATTCTTGGCCAATTTGCCTGTATGCCCGAGCACCAGACTACGAC  
AGCTTTGTGTGTCTCTGGTGAGCCGAGGAGGCTCCCAGAGTGTGTATGGTGTGGATCAGACTCACTCAG  
GGCTCCCCTGCATCACATCAGGAGGATGTTTCATGGGAGATTCATGCCCTTATCTAGCAGGAAGCCAAA  
GATGTTTTTTATTCAGAACTATGTGGTGTGAGGGCCAGCTGGAGGACAGCAGCCTCTTGGAGGTGGAT  
GGCCAGCGATGAAGAATGTGGAATTC AAGGCTCAGAAGCGAGGGCTGTGCACAGTTCACCGAGAAGCTG  
ACTTCTTCTGGAGCCTGTGTACTGCGGACATGTCCTGCTGGAGCAGTCTCACAGCTCACCATCCCTGTA  
CCTGCAGTGCCTCTCCAGAACTGAGACAAGAAAGAAAACGCCCACTCCTGGATCTTCACATTGAACTC  
AATGGCTACATGTATGATTGGAACAGCAGAGTTTCTGCCAAGGAGAAATATTATGTCTGGCTGCAGCACA  
CTCTGAGAAAGAACTTATCCTCTCCTACACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC232626 representing NM\_001202517  
 Red=Cloning site Green=Tags(s)

MAEIGEDLDKSDVSSLIIFLMKDYMGRGKISKEKSFLDLVVELEKLNLVAPDQLDLEKCLKNIHRIDLKT  
 KIQKYKQSVQAGTSYRNVLQAATQKSLKDPSSNNFRLHNGRSKEQLKEQLGAQQEPVKKSIQESEAFLP  
 QSIPEERYKMKSKPLGICLIIDICIGNETELLRDFTFSLGYEVQKFLHLSMHGISQILGQFACMPHRDYD  
 SFVCVLVSRRGGSQSVYGVDTHTSGLPLHHIRRMFMGDSFCPLAGKPKMFFIQNYVYSEGQLEDSSLLLEVD  
 GPAMKNVEFKAQKRGRLCTVHREADFFWSLCTADMSLLEQSHSSPSLYLQCLSQKLRQERKRPLLDLHIEL  
 NGYMYDWNSRVSAAKEYVYWLQHTLRKKLILSYT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

**Cloning Scheme:**

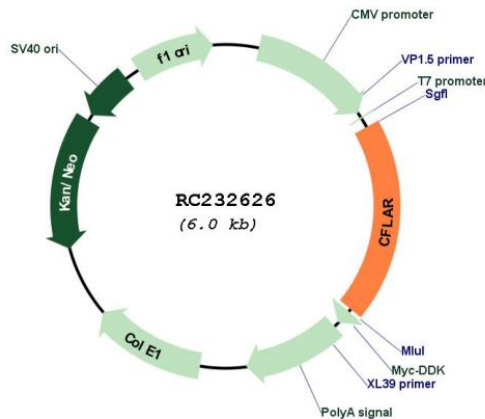
Sgfl-MluI

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**Plasmid Map:**



**ACCN:**

NM\_001202517

<b>ORF Size:</b>	1152 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001202517.3</a>
<b>RefSeq Size:</b>	10222 bp
<b>RefSeq ORF:</b>	1155 bp
<b>Locus ID:</b>	8837
<b>UniProt ID:</b>	<a href="#">O15519</a>
<b>Cytogenetics:</b>	2q33.1
<b>Protein Families:</b>	Druggable Genome, Protease
<b>Protein Pathways:</b>	Apoptosis
<b>MW:</b>	44.6 kDa
<b>Gene Summary:</b>	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]