

Product datasheet for **SC127121**

FLIP (CFLAR) (NM_003879) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FLIP (CFLAR) (NM_003879) Human Untagged Clone
Tag:	Tag Free
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:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC127121 sequence for NM_003879 edited (data generated by NextGen Sequencing)

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ATGTCTGCTGAAGTCATCCATCAGGTTGAAGAAGCACTTGATACAGATGAGAAGGAGATG
CTGCTCTTTTTGTGCCGGGATGTTGCTATAGATGTGGTCCACCTAATGTCAGGGACCTT
CTGGATATTTTACGGGAAAGAGGTAAGCTGTCTGTGCGGGACTTGGCTGAACTGCTCTAC
AGAGTGAGGCGATTTGACCTGCTCAAACGTATCTTGAAGATGGACAGAAAAGCTGTGGAG
ACCCACCTGCTCAGGAACCCCTCACCTTGTTCGGACTATAGAGTGCTGATGGCAGAGATT
GGTGAGGATTTGGATAAACTGATGTGTCTCATTAAATTTTCTCATGAAGGATTACATG
GGCCGAGGCAAGATAAGCAAGGAGAAGAGTTTCTTGGACCTTGTGGTTGAGTTGGAGAAA
CTAAATCTGGTTGCCCCAGATCAACTGGATTTATTAGAAAAATGCCTAAAGAACATCCAC
AGAATAGACCTGAAGACAAAAATCCAGAAGTACAAGCAGTCTGTTCAAGGAGCAGGGACA
AGTTACAGGAATGTTCTCCAAGCAGCAATCCAAAAGAGTCTCAAGGATCCTTCAAATAAC
TTCAGGCTCCATAATGGGAGAAGTAAAGAACAAGACTTAAGGAACAGCTTGGCGCTCAA
CAAGAACCAGTGAAGAAATCCATTCAGGAATCAGAAGCTTTTTTGCCTCAGAGCATACCT
GAAGAGAGATACAAGATGAAGAGCAAGCCCTAGGAATCTGCCTGATAATCGATTGCATT
GGCAATGAGACAGAGCTTCTTCGAGACACCTTCACTTCCCTGGGCTATGAAGTCCAGAAA
TTCTTGATCTCAGTATGCATGGTATATCCCAGATTCTTGGCCAATTTGCCTGTATGCC
GAGCACCGAGACTACGACAGCTTGTGTGTGCCTGGTGAGCCGAGGAGGCTCCCAGAGT
GTGTATGGTGTGGATCAGACTCACTCAGGGCTCCCCCTGCATCACATCAGGAGGATGTT
ATGGGAGATTCATGCCCTTATCTAGCAGGGAAGCCAAAGATGTTTTTATTCAGAACTAT
GTGGTGTGAGAGGCCAGCTGGAGGACAGCAGCCTTGGAGGTGGATGGGCCAGCGATG
AAGAATGTGGAATCAAGGCTCAGAAGCGAGGGCTGTGCACAGTTCACCGAGAAGCTGAC
TTCTTCTGGAGCCTGTACTGCGGACATGTCCTGCTGGAGCAGTCTCACAGCTCACCA
TCCCTGTACCTGCAGTGCCTCTCCAGAACTGAGACAAGAAAAGAAAACGCCCACTCCTG
GATCTTACATTGAACTCAATGGCTACATGTATGATTGGAACAGCAGAGTTTCTGCCAAG
GAGAAATATTATGTCTGGCTGCAGCACACTCTGAGAAAAGAACTTATCCTCTCTACACA
TAA
    
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Clone variation with respect to NM_003879.5

5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_003879 unedited
GGGCACGTACACTATATTTGTAATACGACTCACTATAGGGCGGCCGCGCATAGCAGAAAC
AGCGAGCTTGACGCTCACCGACGAGTCTCACTAAAAGGACTCCCGGAGCTAGGGGTGGG
GACTCGGCCTCACACAGTGAGTGCAGGCTATTGGACTTTTGTCCAGTGACAGCTGAGACA
ACAAGGACCACGGGAGGAGGTGTAGGAGAGAAGCGCCGGAACAGCGATCGCCCAGCACC
AAGTCCGCTTCCAGGCTTTCGGTTTCTTTCCTCCATCTTGGGTGCGCCTTCCCGCGTTC
TAGGGGAGCGAAGGCTGAGGTGGCAGCGGAGAGTCCGGCCGCGACAGGACGAACTC
CCCCACTGGAAAGGATTCTGAAAGAAATGAAGTCAAGCCCTCAGAAATGAAGTTGACTGCC
TGCTGGCTTTCTGTTGACTGGCCCGGAGCTGTACTGCAAGACCCTTGTGAGCTTCCCTAG
TCTAAGAGTAGGATGTCTGCTGAAGTCATCCATCAGGTTGAAGAAGCACTTGATACAGAT
GAGAAGGAGATGTGCTCTTTTTGTGCCGGGATGTTGCTATAGATGTGGTCCACCTAAT
GTCAGGGACCTTCTGGGATATTTACGGGAAAGAGGTAAGCTGTCTGTGCGGGACTTGGC
TGAAGTGTCTACAGAGTGAGGCGAATTGGCCTGCTCAAACGTATCTTGAACATGGACA
GAAAGCTGTGGAGACCCACCTTGTCTCGGAACCCTCACCTTGGTTTCGGACTATTAATATGC
TGGATGGCAAGATTGGTGAGGGATTTGGATAAACCTGAGGTGTCCCATAAATTTTCTCT
ATGAAGGATTCATGGGCCGGGGCAAGATAACCAGGAAAAAATT
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_003879 unedited NGGTACTACTATGNACGCGGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTAAAG AGAGGGATCTTGCTATATTGCCAGGTTGGTATGCAGTGGCTATTCGTAGGCACAATCAC AGCATGCTATGACCCTGAACTCCTGGGTTCAAAGATCCTCCACCTCAGCCTCCCAAGT AACTGGGAATACAGGTACCCACACCCACCCAGCTAATTTTTGTATTTTACTAGGGAC AGCGTTTACCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTGAAGTGATCTGCCCTCC TTGGCCTCCCAAAGTCTGGGATTACAGGTGTGAGCCACTACGCCAGCCTTTTGGTTTC TTATGTGTAGGAGAGGATAAGTTTTCTTTCTCAGAGTGTGCTGCAGCCAGACATAATATT CTCCTTGGCAGAACTCTGCTGTTCCAATCATAATGTAGCCATTGAGTTCAATGTGAAG ATCCAGGAGTGGGCGTTTTCTTTCTTGTCTCAGTTTCTGGGAGAGGCACTGCAGGTACAG GGATGGTGTGAGCTGTGAGACTGCTCCAGCAGGGACATGTCCGAGTACACAGGCTCCAGAA GAAGTCAGCTTCTCGGTGAACTGTGCACAGCCCCTCGTTCTGAGCCTTGAATCCACAT TTCTTCATCGCTGATCGCATCCACCTTCAAGAGGCTGCTGCTCCAGCTGGGCCTGTA CACCACATAGTTCTGGATAAAAAACATCTTTGGCTTCCCTGCTTAAAAGGCATGAATTC TCCCTGAACATCCTCCTGAAGTGATGCAGGGGGAGCCCTTGATGAGTCTGGTCCCACCAT ACACACTCTGGGAGCCTCTTTGGGCTACCAGGACACCACCAAAGCTGCGTAATACTCG GTGCTCGGGCATACCGGCAAATTG
Restriction Sites:	NotI-NotI
ACCN:	NM_003879
Insert Size:	2500 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
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_003879.3 , NP_003870.3
RefSeq Size:	2243 bp

RefSeq ORF:	1443 bp
Locus ID:	8837
UniProt ID:	<u>O15519</u>
Cytogenetics:	2q33.1
Domains:	DED, CASc, ICE_p20
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Apoptosis
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents use of an alternate first exon and encodes the longest protein isoform (1). Variants 1 and 2 both encode the same isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>