

## Product datasheet for **MR230128**

### Cflar (NM\_001289704) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cflar (NM_001289704) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cflar
Synonyms:	2310024N18Rik; A430105C05Rik; c-Flip; Cash; Casper; CLARP; ENSMUSG00000072980; FLAME; FLAME-1; Flip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR230128 representing NM\_001289704  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCCAGAGCCCTGTGTCTGCCGAGGTCATTACCAGGTGGAAGAGTGTCTTGATGAAGACGAGAAGG  
 AGATGATGCTCTTCCTGTGTAGAGATGTGACTGAGAACCCTGGCTGCACCTAACGTCAGGGACCTCCTGGA  
 TAGCTTAAGTGAGAGAGGCCAGCTCTCTTTTGGCTACCTTGGCTGAATTGCTCTACAGAGTGAAGCGGTTT  
 GACCTTCTCAAGAGGATCTTGAAGACAGACAAAGCAACCGTGGAGGACCACCTGCGCAGAAAACCTCACC  
 TGGTTTCTGATTATAGGGTCTGCTGATGGAGATTGGTGAGAGCTTAGATCAGAACGATGTATCCTCCTT  
 AGTTTTCTTACAAGGGATTACACAGGCAGAGGCAAGATAGCCAAGGACAAGAGTTTCTTGGATCTGGTG  
 ATTGAATTGGAGAACTGAATCTAATTGCTTCAGACCAATTGAATTTGTTAGAAAAATGCCTGAAGAACA  
 TCCACAGAATAGACTTGAACACAAGATCCAGAAGTACACCCAGTCCAGCCAAGGAGCAAGATCAAATAT  
 GAATACTCTCCAGGCTTCGCTCCAAAAATTGAGTATCAAGTATAACTCAAGGCTCCAGAATGGGCGAAGT  
 AAAGAGCCAAGATTTGTGGAATACCGTGACAGTCAAAGAACACTGGTGAAGACATCCATCCAGGAATCAG  
 GAGCTTTTTTACCTCCGCACATCCGTGAAGAGACTTACAGGATGCAGAGCAAGCCCTAGGAATCTGCTT  
 GATCATTGATTGTATTGGCAACGACACAAAATATCTTCAAGAGACCTTCACTTCCCTGGGCTATCATATC  
 CAGCTTTTCTGTTTCCAAGTCACATGACATAACCCAGATTGTTGCGCGATATGCAAGTATGGCCCAAC  
 ATCAAGACTATGACAGCTTTCATGTGTTCTGGTGAGCCTAGGAGGCTCCCAAAGCATGATGGGCAGAGA  
 TCAAGTTCACTCAGGGTCTCCTTGGATCATGTCAAGAACATGTTACGGGGGACACGTGCCCTTCTCTC  
 AGAGGGAAGCCAAAGCTCTTTTTTATTCAGAACTATGAGTCGTTAGGTAGCCAGTTGGAAGATAGCAGCC  
 TGGAGGTAGATGGCCATCAATAAAAAATGTGGACTCTAAGCCCTGCAACCCAGACACTGCACAACCTCA  
 CCCAGAAGCTGATATCTTTTGGAGCCTGTGCACAGCAGACGTATCTCACTTGGAGAAGCCCTCCAGCTCA  
 TCCTCTGTGTATCTGCAGAAGCTCTCCAGCAGCTGAAGCAAGGCAAGGAGACGCCACTCGTGGACCTCC  
 ACGTTGAACTCATGGACAAAGTGTATGCGTGGAACAGTGGTGTTCGCTAAGGAGAAATACAGCCTCAG  
 CCTGCAGCACACTCTGAGGAAGAACTCATCCTGGCTCCTACG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230128 representing NM\_001289704  
 Red=Cloning site Green=Tags(s)

MAQSPVSAEVIHQVEECLDEDEKEMMLFLCRDVTENLAAPNVRDLLDSLSEKQLSFATLAELLYRVRFF  
 DLLKRIKTKDKATVEDHLRRNPHLVSDYRVLLMEIGESLDQNDVSSLVFLTRDYTGKGIKDKSFLDLV  
 IELEKLNLIASDQLNLEKCLKNIHRIDLNTKIQKYTQSSQGARSNMNTLQASLPKLSIKYNSRLQNGRS  
 KEPRFVEYRDSQRTL VKTSIQESGAFPPHIREETYRMQSKPLGICLIIDCIGNDTKYLQETFTSLGYHI  
 QLFLFPKSHDITQIVRRYASMAQHQDYDSFACVLVSLGGSQSMGRDQVHSGFSLDHVKNMFTGDTCPSL  
 RGKPKLFFIQNYESLGSQLEDSSLEVDPSPSIKNVDSKPLQPRHCTTHPEADIFWSLCTADVSHLEKPSSS  
 SSVYLQKLSQLKQRRRPLVDLHVLMKVYAWNSGVSSKEKYSLSLQHTLRKKLILAPT

**TRTRP**LEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001289704

**ORF Size:** 1443 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](mailto: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.

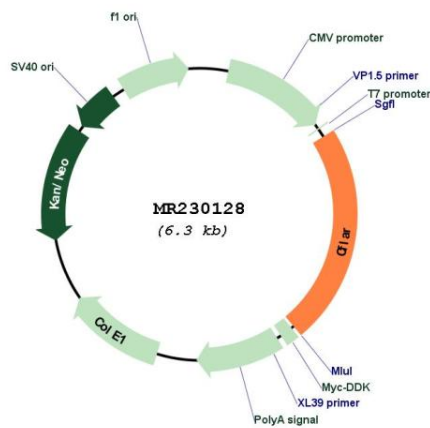
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

- 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\\_001289704.3](#)  
 RefSeq Size: 6966 bp  
 RefSeq ORF: 1446 bp  
 Locus ID: 12633  
 UniProt ID: [O35732](#)  
 Cytogenetics: 1 29.16 cM  
 MW: 55.3 kDa

**Gene Summary:** Apoptosis regulator protein which may function as a crucial link between cell survival and cell death pathways in mammalian cells. Acts as an inhibitor of TNFRSF6 mediated apoptosis. A proteolytic fragment (p43) is likely retained in the death-inducing signaling complex (DISC) thereby blocking further recruitment and processing of caspase-8 at the complex. Full length and shorter isoforms have been shown either to induce apoptosis or to reduce TNFRSF-triggered apoptosis. Lacks enzymatic (caspase) activity (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR230128