

Product datasheet for **MR229072**

Cflar (NM_001293804) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cflar (NM_001293804) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cflar
Synonyms:	2310024N18Rik; A430105C05Rik; c-Flip; Cash; Casper; CLARP; ENSMUSG00000072980; FLAME; FLAME-1; Flip
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229072 representing NM_001293804 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATACTCTCCAGGCTTCGCTCCAAAATTGAGTATCAAGTATAACTCAAGGCTCCAGAATGGGCGAA
GTAAGAGCCAAGATTTGTGGAATACCGTGACAGTCAAAGAACACTGGTGAAGACATCCATCCAGGAATC
AGGAGCTTTTTACCTCCGCACATCCGTGAAGAGACTTACAGGATGCAGAGCAAGCCCTAGGAATCTGC
TTGATCATTGATTGTATTGGCAACGACACAAAATATCTTCAAGAGACCTCACTTCCTGGGCTATCATA
TCCAGCTTTTCTGTTTCCCAAGTCACATGACATAACCCAGATTGTTCCGCCGATATGCAAGTATGGCCCA
ACATCAAGACTATGACAGCTTTGCATGTGTTCTGGTGAGCCTAGGAGGCTCCCAAAGCATGATGGGCAGA
GATCAAGTTCACCTCAGGTTCTCCTTGGATCATGTCAAGAACATGTTACGGGGGACACGTGCCCTTCTC
TCAGAGGGAAGCCAAAGCTCTTTTTTATTCAGAACTATGAGTCGTTAGGTAGCCAGTTGGAAGATAGCAG
CCTGGAGGTAGATGGCCATCAATAAAAAATGTGGACTCTAAGCCCTGCAACCCAGACACTGCACAAC
CACCCAGAAGCTGATATCTTTGGAGCCTGTGCACAGCAGACGTATCTCACTTGGAGAAGCCCTCCAGCT
CATCCTCTGTGTATCTGCAGAAGCTCTCCAGCAGCTGAAGCAAGGCAGGAGACGCCCACTCGTGGACCT
CCACGTTGAACTCATGGACAAAGTGTATGCGTGGAAACAGTGGTGTTCGTCCTAAGGAGAAATACAGCCTC
AGCCTGCAGCACACTCTGAGGAAGAACTCATCCTGGCTCCTACG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229072 representing NM_001293804
Red=Cloning site Green=Tags(s)

MNTLQASLPKLSIKYNSRLQNGRSKEPRFVEYRDSQRTLKVTSIQESGAFPPHIREETYRMSKPLGIC
 LIIDCIGNDTKYLQETFTSLGYHIQLFLFPKSHDITQIVRRYASMAHQDYDSFACVLVSLGGSQSMGR
 DQVHSGFLSDHVKNMFTGDTCPSLRKGPKLFFIQNYESLGSQLEDSSLEVDGPSIKNVDKPLQPRHCTT
 HPEADIFWSLCTADVSHLEKPSSSSSVYLQKLSQQLKQGRRRRPLVDLHVELMDKVYAWNSGVSSKEKYSL
 SLQHTLRKKLILAPT

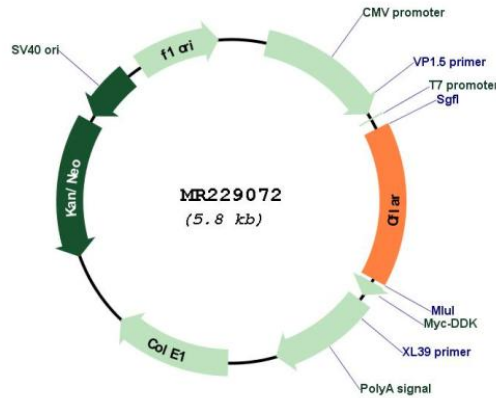
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001293804

ORF Size: 885 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_001293804.2
RefSeq Size:	6949 bp
RefSeq ORF:	888 bp
Locus ID:	12633
Cytogenetics:	1 29.16 cM
MW:	34 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]