

Product datasheet for MR222341

Cflar (NM_009805) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cflar (NM_009805) 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:	>MR222341 representing NM_009805 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGCCCAGAGCCCTGTGTCTGCCGAGGTCATTACCAGGTGGAAGAGTGTCTTGATGAAGACGAGAAGG
AGATGATGCTCTTCCTGTGTAGAGATGTGACTGAGAACCCTGGCTGCACCTAACGTCAGGGACCTCCTGGA
TAGCTTAAGTGAGAGAGGCCAGCTCTTTTGCTACCTTGGCTGAATTGCTCTACAGAGTGAGGCGGTTT
GACCTTCTCAAGAGGATCTTGAAGACAGACAAAGCAACCGTGGAGGACCCTGCGCAGAAACCCTCACC
TGGTTTCTGATTATAGGGTCTGCTGATGGAGATTGGTGAGAGCTTAGATCAGAACGATGTATCCTCCTT
AGTTTTCTTACAAGGGATTACACAGGCAGAGGCAAGATAGCCAAGGACAAGAGTTTCTTGATCTGGTG
ATTGAATTGGAGAACTGAATCTAATTGCTTACAGCAATTGAATTTGTTAGAAAAATGCCTGAAGAACA
TCCACAGAATAGACTTGAACACAAAGATCCAGAAGTACACCCAGTCCAGCCAAGGAGCAAGATCAAATAT
GAATACTCTCCAGGCTTCGCTCCAAAATTGAGTATCAAGTATAACTCAAGGGTGAGTCTGGAGCCAGTG
TATGGAGTACCAGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR222341 representing NM_009805
Red=Cloning site Green=Tags(s)

MAQSPVSAEVIHQVEECLDEDEKEMMLFLCRDVTENLAAPNVRDLLDSLSEKQLSFATLAELLYRVRRF
 DLLKRILKTDKATVEDHLRRNPHLVSDYRVLLMEIGESLDQNDVSSLVFLTRDYTGKGIKDKSFLDLV
 IELEKLNLIASDQLNLEKLEKLNHRIDLNTKIQKYTQSSQGARSNMNTLQASLPKLSIKYNSRVSLPEV
 YGVPA

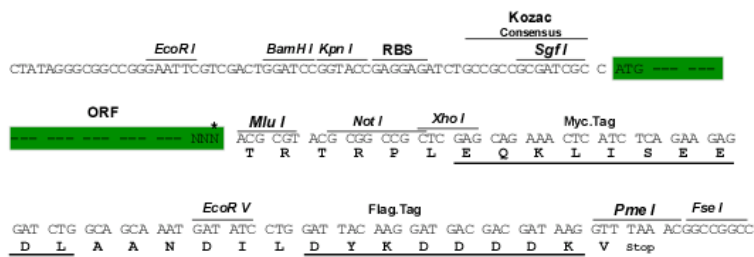
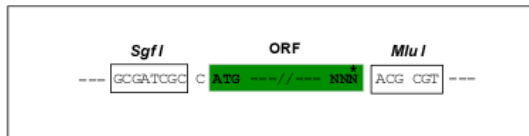
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

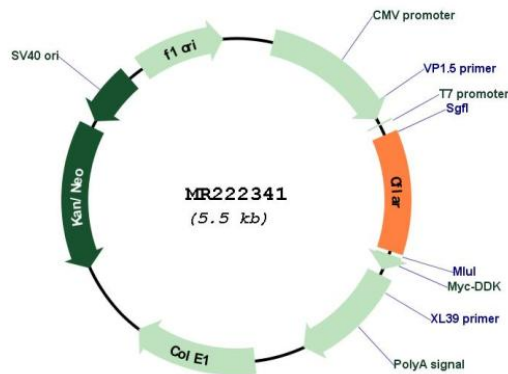
Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_009805

ORF Size: 645 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](#)

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_009805.4](#), [NP_033935.2](#)

RefSeq Size: 2036 bp

RefSeq ORF: 648 bp

Locus ID: 12633

Cytogenetics: 1 29.16 cM

MW: 25 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]