

Product datasheet for **MG222986**

Cflar (NM_207653) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cflar (NM_207653) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Cflar
Synonyms:	2310024N18Rik; A430105C05Rik; c-Flip; Cash; Casper; CLARP; ENSMUSG00000072980; FLAME; FLAME-1; Flip
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG222986 representing NM_207653
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCAGAGCCCTGTGTCTGCCGAGGTCATTACCAGGTGGAAGAGTGTCTTGATGAAGACGAGAAGG
 AGATGATGCTCTTCTGTGTAGAGATGTGACTGAGAACCCTGGCTGCACCTAACGTCAGGGACCTCCTGGA
 TAGCTTAAGTGAGAGAGGCCAGCTCTCTTTTGGCTACCTTGGCTGAATTGCTCTACAGAGTGAAGCGGTTT
 GACCTTCTCAAGAGGATCTTGAAGACAGACAAAGCAACCGTGGAGGACCACCTGCGCAGAAAACCTCACC
 TGGTTTCTGATTATAGGGTCTGCTGATGGAGATTGGTGAGAGCTTAGATCAGAACGATGTATCCTCCTT
 AGTTTTCTTACAAGGGATTACACAGGCAGAGGCAAGATAGCCAAGGACAAGAGTTTCTTGGATCTGGTG
 ATTGAATTGGAGAACTGAATCTAATTGCTTCAGACCAATTGAATTTGTTAGAAAAATGCCTGAAGAACA
 TCCACAGAATAGACTTGAACACAAGATCCAGAAGTACACCCAGTCCAGCCAAGGAGCAAGATCAAATAT
 GAATACTCTCCAGGCTTCGCTCCAAAAATTGAGTATCAAGTATAACTCAAGGCTCCAGAATGGGCGAAGT
 AAAGAGCCAAGATTTGTGGAATACCGTGACAGTCAAAGAACACTGGTGAAGACATCCATCCAGGAATCAG
 GAGCTTTTTTACCTCCGCACATCCGTGAAGAGACTTACAGGATGCAGAGCAAGCCCTAGGAATCTGCTT
 GATCATTGATTGTATTGGCAACGACACAAAATATCTTCAAGAGACCTTCACTTCCCTGGGCTATCATATC
 CAGCTTTTCTGTTTCCAAGTCACATGACATAACCCAGATTGTTGCGCGATATGCAAGTATGGCCCAAC
 ATCAAGACTATGACAGCTTTCATGTGTTCTGGTGAGCCTAGGAGGCTCCCAAAGCATGATGGGCAGAGA
 TCAAGTTCACCTCAGGGTCTCCTTGGATCATGTCAAGAACATGTTACGGGGGACACGTGCCCTTCTCTC
 AGAGGGAAGCCAAAGCTCTTTTTTATTCAGAACTATGAGTCGTTAGGTAGCCAGTTGGAAGATAGCAGCC
 TGGAGGTAGATGGGCCATCAATAAAAAATGTGGACTCTAAGCCCTGCAACCCAGACACTCCACACTCA
 CCCAGAAGCTGATATCTTTTGGAGCCTGTGCACAGCAGACGTATCTCACTTGGAGAAGCCCTCCAGCTCA
 TCCTCTGTGTATCTGCAGAAGCTCTCCAGCAGCTGAAGCAAGGCAAGGAGACGCCACTCGTGGACCTCC
 ACGTTGAACTCATGGACAAAGTGTATGCGTGGAACAGTGGTGTTCGCTAAGGAGAAAATACAGCCTCAG
 CCTGCAGCACACTCTGAGGAAGAACTCATCCTGGCTCCTACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG222986 representing NM_207653
 Red=Cloning site Green=Tags(s)

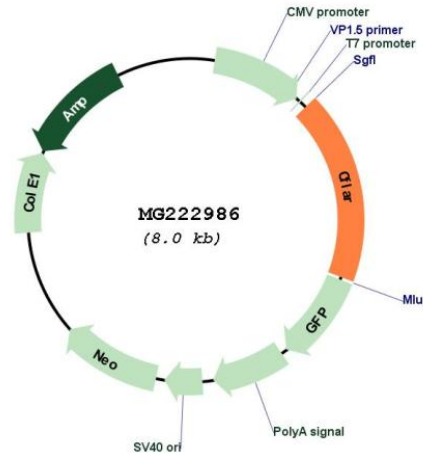
MAQSPVSAEVIHQVEECLDEDEKEMMLFLCRDVTENLAAPNVRDLLDSLSEKQSFATLAELLYRVRFF
 DLLKRIKTDKATVEDHLRRNPHLVSDYRVLLMEIGESLDQNDVSSLVFLTRDYTGKGIKDKSFLDLV
 IELEKLNLIASDQLNLEKCLKNIHRIDLNTKIQKYTQSSQGARSNMNTLQASLPKLSIKYNSRLQNGRS
 KEPRFVEYRDSQRTLKTSIQESGAFPPHIREETIRMQSKPLGICLIIDCIGNDTKYLQETFTSLGYHI
 QLFLFPKSHDITQIVRRYASMAQHQDYDSFACVLVSLGGSQSMGRDQVHSGFSLDHVKNMFTGDTCPSL
 RGKPKLFFIQNYESLGSQLEDSSLEVDPSPKINVDKPLQPRHCTTHPEADIFWSLCTADVSHLEKPPSS
 SSVYQLKLSQQLKQRRRPLVDLHVLMKVVYAWNSGVSSKEKYSLSLQHTLRKKLILAPT

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Plasmid Map:



ACCN: NM_207653

ORF Size: 1443 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:

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_207653.6](#)

RefSeq Size: 6926 bp

RefSeq ORF: 1446 bp

Locus ID: 12633

UniProt ID: [O35732](#)

Cytogenetics: 1 29.16 cM

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]