

## Recombinant Human CFLAR

Cat. No. CFLAR-3638H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CFLAR protein was expressed in E.coli and denatured using detergent during a conventional chromatography purification process (1-480aa).
<b>Species</b>	Human
<b>Source</b>	Human
<b>ProteinLength</b>	1-480 a.a.
<b>Description</b>	CFLAR, also known as FLIP, is involved in the regulation of apoptosis. It has been designated by independent groups as Casper, I-FLICE, CLARP, FLAME-1 and MRIT. Although its exact role is still being elucidated, it appears to be an important factor in the regulation of apoptosis downstream of all known death receptors.
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
<b>Molecular Weight</b>	55.3 kDa (480aa)
<b>Purity</b>	> 85% by SDS - PAGE
<b>Concentration</b>	1.0 mg/ml (determined by Bradford assay)
<b>Sequences of amino acids</b>	MSAEVIHQVE EALDTDEKEM LLFLCRDVAI DVVPPNVRDL LDILRERGKL SVGDLAELLY RVRRFDLLKR ILKMDRKAVE THLLRNPHLV SDYRVLMAEI GEDLDKSDVS SLIFLMKDYM GRGKISKEKS FLDLVVELEK LNLVAPDQLD

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LLEKCLKNIH RIDLKTKIQK YKQSVQGAGT SYRNVLQAAI QKSLKDPSNN  
 FRLHNGRSKE QRLKEQLGAQ QEPVKKSIQE SEAFLPQSIP EERYKMKSKP  
 LGICLIIDCI GNETELLRDT FTSLGYEVQK FLHLSMHGIS QILGQFACMP  
 EHRDYDSFVC VLVSRRGGSQS VYGVDQTHSG LPLHHIRRMF MGDSCPYPYLAG  
 KPKMFFIQNY VVSEGLENS SLLEVDGPAM KNVEFKAQKR GLCTVHREAD  
 FFWSLCTADM SLLEQSHSSP SLYLQCLSQK LRQERKRPLL DLHIELNGYM  
 YDWNSRVSAAK EKYYVWLQHT LRKKLILSYT

**Storage**

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Pathways**

Apoptosis; Chagas disease (American trypanosomiasis); Death Receptor Signalling; Extrinsic Pathway for Apoptosis; FAS (CD95) signaling pathway; FAS pathway and Stress induction of HSP regulation; HIV-1 Nef: Negative effector of Fas and TNF-alpha; TNF-alpha/NF-kB Signaling Pathway; TRAIL signaling; TRAIL signaling pathway; Validated targets of C-MYC transcriptional repression

## GENE INFORMATION

**Gene Name**

**CFLAR CASP8 and FADD-like apoptosis regulator [ Homo sapiens ]**

**Official Symbol**

**CFLAR**

**Synonyms**

CFLAR; CASH; FLIP; MRIT; CLARP; FLAME; Casper; CASPER; FLAME1; c-FLIP; FLAME-1; I-FLICE; c-FLIPL; c-FLIPR; c-FLIPS; CASP8AP1; Usurpin; CASP8 and FADD-like apoptosis regulator; usurpin beta; caspase homolog;  
 OTTHUMP00000163715; OTTHUMP00000206475; OTTHUMP00000206476;  
 OTTHUMP00000206478; OTTHUMP00000206479; OTTHUMP00000206480;  
 OTTHUMP00000206482; OTTHUMP00000207360; inhibitor of FLICE; caspase-eight-related protein; MACH-related inducer of toxicity; FADD-like anti-apoptotic

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molecule; FADD-like antiapoptotic molecule 1; caspase-related inducer of apoptosis; cellular FLICE-like inhibitory protein; caspase-like apoptosis regulatory protein

**Gene ID**

8837

**mRNA Refseq**

NM\_001127183

**Protein Refseq**

NP\_001120655

**MIM**

603599

**UniProt ID**


O15519

**Chromosome  
Location**


2q33-q34

**Function**

cysteine-type endopeptidase activity; protein binding

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