

Recombinant Human CFLAR

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

SPECIFICATION

Product Overview	Recombinant human CFLAR protein was expressed in E.coli and denatured using detergent during a conventional chromatography purification process (1-480aa).
Species	Human
Source	Human
ProteinLength	1-480 a.a.
Description	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.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol
Molecular Weight	55.3 kDa (480aa)
Purity	> 85% by SDS - PAGE
Concentration	1.0 mg/ml (determined by Bradford assay)
Sequences of amino acids	MSAEVIHQVE EALDTDEKEM LLFLCRDVAI DVVPPNVRDL LDILRERGKL SVGDLAELLY RVRFRDLLKR ILKMDRKAVE THLLRNPHLV SDYRVLMAEI GEDLDKSDVS SLIFLMKDYM GRGKISKEKS FLDLVVELEK LNLVAPDQLD

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LLEKCLKNIH RIDLKTKIQK YKQSVQGAGT SYRNVLQAAI QKSLKDPSNN
 FRLHNGRSKE QRLKEQLGAQ QEPVKKSIQE SEAFLPQSIP EERYKMKSKP
 LGICLIIDCI GNETELLRDT FTSLGVEVQK FLHLSMHGIS QILGQFACMP
 EHRDYDSFVC VLVSRGGSQS VYGVDQTHSG LPLHHIRRMF MGDSCPYP
 LAG KPKMFFIQNY VVSEGQLENS SLLEVDGPAM KNVEFKAQKR GLCTVHREAD
 FFWSLCTADM SLLEQSHSSP SLYLQCLSQK LRQERKRPLL DLHIELNGYM
 YDWNSRVSAK 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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