

Recombinant Human CFLAR

Cat. No. CFLAR-28415TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human FLIP ; 480aa, 55.3kDa.
Species	Human
Source	E.coli
ProteinLength	480 amino acids
Description	The protein encoded by this gene is a regulator of apoptosis and is structurally similar to caspase-8. However, the encoded protein lacks caspase activity and appears to be itself cleaved into two peptides by caspase-8. Several transcript variants encoding different isoforms have been found for this gene, and partial evidence for several more variants exists.
Molecular Weight	55.300kDa
Tissue specificity	Widely expressed. Higher expression in skeletal muscle, pancreas, heart, kidney, placenta, and peripheral blood leukocytes. Also detected in diverse cell lines. Isoform 8 is predominantly expressed in testis and skeletal muscle.
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MSAEVIHQVEEALDTDEKEMLLFLCRDVAIDVPPNVRDLLDILRERGLKLSVGDLAEL LYRVRRFDLLKRILKMDRKAVETHLLRNPHLVSDYRVLM AEIGEDLDKSDVSSLIFLM KDYMGRGKISKEKSFLDLVVELEKLNLVAPDQLDLEKCLKNIHRIDLKTKIQKYKQSV QGAGTSYRNVLQAAIQKSLKDPSNNFRLHNGRSKEQRLKEQLGAQQEPVKKSIQES EAFLPQSIPEERYKMKSKPLGICLIIDCIGNETELLRDTFTSLGYEVQKFLHLSMHGIS QILGQFACMPEHRDYDSFVCVLVSRGGSQSVYGV DQTHSGLPLHHIRRMFMGDSC PYLAGPKMFFIQNYVVSEGQLENSLLEVDGPAMKNVEFKAQKRGLCTVHREADF FWSLCTADMSLLEQSHSSPSLYLQCLSQKLRQERKRPLLDLHIELNGYMYDWNSRV SAKEKYYVWLQHTLRKKLILSYT
Sequence Similarities	Belongs to the peptidase C14A family. Contains 2 DED (death effector) domains.

GENE INFORMATION

Gene Name	CFLAR CASP8 and FADD-like apoptosis regulator [Homo sapiens]
Official Symbol	CFLAR
Synonyms	CFLAR; CASP8 and FADD-like apoptosis regulator; CASP8AP1; c FLIP; CASH; Casper; CLARP; FLAME; FLIP; I FLICE; MRIT;
Gene ID	8837
mRNA Refseq	NM_001127183
Protein Refseq	NP_001120655

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MIM	603599
Uniprot ID	O15519
Chromosome Location	2q33-q34
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem;
Function	cysteine-type endopeptidase activity; protein binding;

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