

Recombinant human FLIP protein

Catalog Number: ATGP1195

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-480aa

UniProt No.

O15519

NCBI Accession No.

NP_003870

Alternative Names

CASP8 and FADD-like apoptosis regulator, CASH, FLIP, MRIT, CLARP, FLAME, Casper, FLAME1, c-FLIP, FLAME-1, I-FLICE, uSuRPIN

PRODUCT SPECIFICATION

Molecular Weight

55.3 kDa (480aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 85% by SDS-PAGE

Tag

Non-Tagged

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human CFLAR protein was expressed in E. coli and denatured using detergent during a conventional chromatography purification process.

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Amino acid Sequence

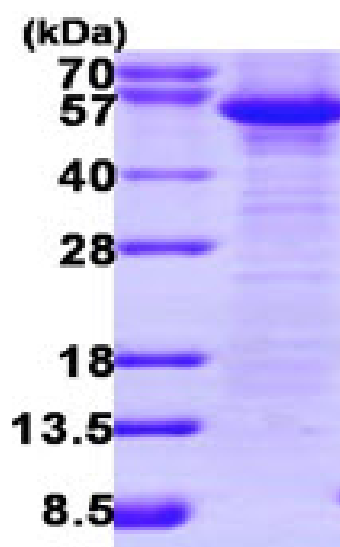
MSAEVIHQVE EALDTDEKEM LLFLCRDVAI DVVPPNVRDL LDILRERGKL SVGDLAELLY RVRRFDLLKR ILKMDRKAVE
THLLRNPHLV SDYRVLMAEI GEDLDKSDVS SLIFLMKDYM GRGKISKEKS FLDLVVELEK LNLVAPDQLD LLEKCLKNIH
RIDLTKIQK YKQSVQGAGT SYRNVLQAAI QKSLKDPSNN FRLHNGRSKE QRLKEQLGAQ QEPVKKSIQE SEAFLPQSIP
EERYKMKSIP LGICLIIDCI GNETELLRDT FTSLGYEVQK FLHLSMHGIS QILGQFACMP EHRDYDSFVC VLVSRRGGSQS
VYGVDQTHSG LPLHHIRRMF MGDSCPYLAG KPKMFFIQNY VVSEGQLENS SLLEVDGPAM KNVEFKAQKR GLCTVHREAD
FFWSLCTADM SLLEQSHSSP SLYLQCLSQK LRQERKRPLL DLHIELNGYM YDWNSRVSAK EKYYVWLQHT LRKKLILSYT

General References

Hu S. et al. (1997) J Biol Chem. 272: 17255-17257.
Thome M. et al. (1997). Nature 386: 517-521

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)