

# Recombinant human XAF1 protein

Catalog Number: ATGP2678

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-125aa

### UniProt No.

Q6GPH4

### NCBI Accession No.

NP\_059993.2

### Alternative Names

XIAP associated factor 1 isoform 1, XIAP associated factor 1 isoform 1, BIRC4BP, HSXIAPAF1, XIAPAF1

## PRODUCT SPECIFICATION

---

### Molecular Weight

18.6 kDa (161aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol 0.15M NaCl

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### 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

XAF1 is a protein which binds to and counteracts the inhibitory effect of a member of the IAP (inhibitor of apoptosis) protein family. IAP proteins bind to and inhibit caspases which are activated during apoptosis. The proportion of IAPs and proteins which interfere with their activity, such as the encoded protein, affect the progress of the apoptosis signaling pathway. Multiple transcript variants encoding different isoforms have been found for this gene. Recombinant human XAF1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## Recombinant human XAF1 protein

Catalog Number: ATGP2678

### Amino acid Sequence

<MRGSHHHHHH GMASMTGGGQ MGRDLYDDDD KDRWGS>MEGD FSVCRNCKRH VVSANFTLHE AYCLRFLVLC  
PECEEPVPKE TMEEHCKLEH QQVGCTMCQQ SMQKSSLEFH KANECQERPV ECKFCKLDMQ LSKLELHESY CGSRTELCQG  
CGQFIMHRML A

### General References

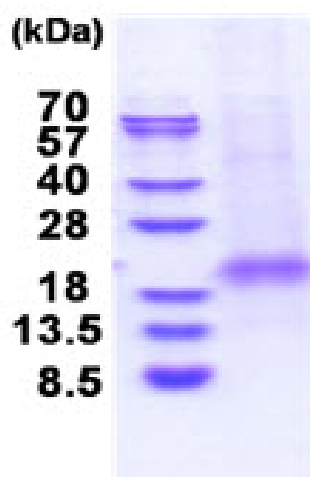
Liston P., et al (2001). Nat. Cell Biol. 3:128-133

Leaman D.W., et al (2002). J. Biol. Chem. 277:28504-28511

## DATA

---

### SDS-PAGE



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

15% SDS-PAGE (3ug)