

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.

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Amino acid Sequence

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

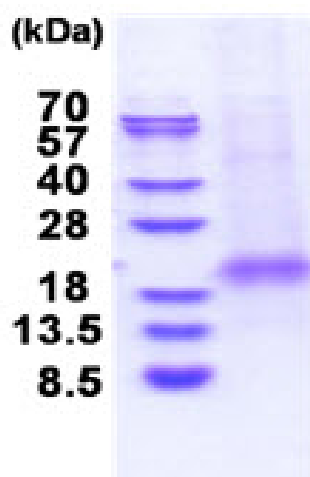
General References

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)