

AR51498PU-N**Human XAF1 (His-tag) - Purified****Alternate names:**

BIRC4-binding protein, BIRC4BP, XIAP-associated factor 1, XIAPAF1

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q6GPH4](#)**NCBI:**[NM_017523.2](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >90% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 30% glycerol 0.15M NaCl, 1mM DTT**Description:**

Recombinant human XAF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMEGD FSVCRNCKRH VVSANFTLHE
AYCLRFLVLC PECEEPVPKE TMEEHCKLEH QQVGCTMCQQ SMQKSLEFH KANECQERP
ECKFCKLDMQ LSKLELHESY CGSRTELCQG CGQFIMHRML A

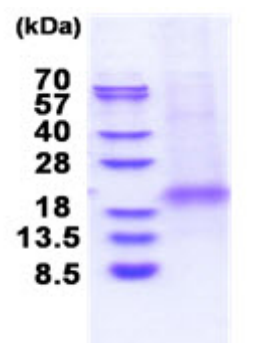
Molecular weight: .6 kDa (161aa) confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Liston P., et al (2001). Nat. Cell Biol. 3:128-133 Leaman D.W., et al (2002). J. Biol. Chem. 277:28504-28511

Pictures:



15% SDS-PAGE (3ug)