

**XAF1, 1- 125aa, Human, His tag, E.coli**

**Cat.NO.: TP04509**

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3th Edition

**Synonyms:**XIAP associated factor 1 isoform 1, , BIRC4BP, HSXIAPAF1, XIAPAF1

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol 0.15M NaCl, 1mM DTT

**Molecular Weight:**18.6 kDa (161aa) confirmed by MALDI-TOF

**Sequences:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMEGDFSVCRNCKRHVVSANFTLHEAYCLRFLVLCPE  
CEEPVPKETMEEHCKLEHQVVGCTMCQQSMQKSSLEFHKANECQERPVECKFKLDMQLSKLELHESYCGSRTE  
LCQGCGQFIMHRMLA

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.