Recombinant Human XAF1, His-tagged

Cat. No. XAF1-185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	XAF1, 1- 125aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1- 125aa
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 Mass	.6 kDa (161aa) confirmed by MALDI-TOF
AA Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMEGD FSVCRNCKRH VVSANFTLHE AYCLRFLVLC PECEEPVPKE TMEEHCKLEH QQVGCTMCQQ SMQKSSLEFH KANECQERPV ECKFCKLDMQ LSKLELHESY CGSRTELCQG

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	CGQFIMHRML A
Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	XAF1 XIAP associated factor 1 [Homo sapiens]
Official Symbol	XAF1
Synonyms	XAF1; XIAP associated factor 1; XIAP-associated factor 1; BIRC4BP; HSXIAPAF1; XIAPAF1; BIRC4 binding protein; BIRC4-binding protein;
Gene ID	54739
mRNA Refseq	NM_017523
Protein Refseq	NP_059993
MIM	606717
UniProt ID	Q6GPH4
Chromosome Location	17p13.2
Pathway	Cytokine Signaling in Immune system, organism-specific biosystem; Immune System,

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	organism-specific biosystem; Interferon Signaling, organism-specific biosystem; Interferon alpha/beta signaling, organism-specific biosystem;
Function	metal ion binding; zinc ion binding;

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