9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

XAF1 Human

XIAP Associated Factor 1 Human Recombinant
RCP2587

Product Overview

Name	XAF1 Human
Description	
XIAP Associated Factor 1 Human Recombinant	
Accession (Primary)	Q6GPH4
Synonyms	
XIAP Associated Factor 1, BIRC4-Binding Protein, BIRC4BP, XIAPAF1, XIAP-Associated Factor 1, BIRC4 Binding Protein, HSXIAPAF1, XAF1.	
Introduction	
XIAP Associated Factor 1 (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 in the course of apoptosis. The ratio of IAPs and proteins which interfere with their activity, such as the XAF1 protein, influence the progress of the apoptosis signaling pathway. Additionally, XAF1 inhibits anti-caspase activity of BIRC4. XAF1 induces cleavage and inactivation of BIRC4 independent of caspase activation. Furthermore, XAF1 mediates TNF-alpha-induced apoptosis and is involved in apoptosis in trophoblast cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The XAF1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MEGD FSVCRNCKRH VVSANFTLHE AYCLRFLVLC PECEEPVPKE TMEEHCKLEH QQVGCTMCQQ SMQKSSLEFH KANECQERPV ECKFCKLDMQ LSKLELHESY	

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CGSRTELCQG CGQFIMHRML A.

Precautions

XAF1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q6GPH4)