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32-5254: Recombinant Human XIAP Associated Factor 1

Alternative Name : XIAP Associated Factor 1,BIRC4-Binding Protein,BIRC4BP,XIAPAF1,XIAP-Associated Factor 1,BIRC4 Binding Protein,HSXIAPAF1,XAF1.

Description

Source : Escherichia Coli. XAF1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 161 amino acids (1-125) and having a molecular mass of 18.6 kDa.XAF1 is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The XAF1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 30% glycerol, 0.15M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMEGD FSVCRNCKRH VVSANFTLHE AYCLRFLVLC PECEEPVPKE TMEEHCKLEH QQVGCTMCQQ SMQKSSLEFH KANECQERPV ECKFCKLDMQ LSKLELHESY CGSRTELCQG CGQFIMHRML A.

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