

Datasheet for ABIN7556055
XAF1 Protein (AA 1-301) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	XAF1
Protein Characteristics:	AA 1-301
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XAF1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant XAF1 Protein expressed in mammalian cells.
Sequence:	<p>MEGDFSVCRN CKRHVVSANF TLHEAYCLRF LVLCPCEEEP VPKETMEEHC KLEHQVVGCT MCQQSMQKSS LEFHKANECQ ERPVECKFCK LDMQLSKLEL HESYCGSRTE LCQGCGQFIM HRMLAQHRDV CRSEQAQLGK GERISAPERE IYCHYCNQMI PENKYFHMMG KCCPDSEFKK HFPVGNPEIL PSSLPSQAAE NQTSTMEKDV RPKTRSINRF PLHSESSSKK APRSKNKTLD PLLMSPEKPR TSSPRGDKAA YDILRRCSQC GILLPLPILN QHQEKCRWLA SSKGKQVRNF S</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	XAF1
---------	------

Alternative Name:	XAF1 (XAF1 Products)
-------------------	--

Background:	<p>XIAP-associated factor 1 (BIRC4-binding protein),FUNCTION: Seems to function as a negative regulator of members of the IAP (inhibitor of apoptosis protein) family. Inhibits anti-caspase activity of BIRC4. Induces cleavage and inactivation of BIRC4 independent of caspase activation. Mediates TNF-alpha-induced apoptosis and is involved in apoptosis in trophoblast cells. May inhibit BIRC4 indirectly by activating the mitochondrial apoptosis pathway. After translocation to mitochondria, promotes translocation of BAX to mitochondria and cytochrome c release from mitochondria. Seems to promote the redistribution of BIRC4 from the cytoplasm to the nucleus, probably independent of BIRC4 inactivation which seems to occur in the cytoplasm. The BIRC4-XAF1 complex mediates down-regulation of BIRC5/survivin, the process requires the E3 ligase activity of BIRC4. Seems to be involved in cellular sensitivity to the proapoptotic actions of TRAIL. May be a tumor suppressor by mediating apoptosis resistance of cancer cells. {ECO:0000269 PubMed:11175744, ECO:0000269 PubMed:12029096, ECO:0000269 PubMed:16432762, ECO:0000269 PubMed:17329253, ECO:0000269 PubMed:17613533}.</p>
-------------	--

Target Details

Molecular Weight: 34.6 kDa

UniProt: [Q6GPH4](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months