

# Recombinant Full Length Human BIRC2 Protein

**Cat. No.** BIRC2-35HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Overview</b> | Recombinant full length Human cIAP1 with an N terminal proprietary tag; predicted mwt: 94.05 kDa inclusive of tag.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 618 amino acids                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 94.050kDa                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MHKTASQRLF PGPSYQNIKS IMEDSTILSD WTNSNKQKMK YDFSCELYRM<br>STYSTFPAGV PVSERSLARA GFYYTG VNDK VKCFCCGLML DNWKLGDSP<br>QKHKQLYPSC SFIQNLVSAS LGSTSKNTSP MRNSFAHSLS PTLEHSSLFS<br>GSYSSLSPPN LNSRAVEDIS SSRTNPYSYA MSTEEARFLT YHMWPLTFLS<br>PSELARAGFY YIGPGDRVAC FACGGKLSNW EPKDDAMSEH RRHFPNCPFL<br>ENSLETLRFS ISNLSMQTHA ARMRTFMYPW SSVPVQPEQL ASAGFYVGR             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NDDVKCFCCD GGLRCWESGD DPWVEHAKWF PRCEFLIRMK GQEFVDEIQG  
 RYPHLLLEQLL STSDTTGEEN ADPPIIHFGP GESSSEDAVM MNTPVVKSAL  
 EMGFNRDLVK QTVQSKILTT GENYKTVNDI VSALLNAEDE KREEEKEKQA  
 EEMASDDL SL IRKNRMALFQ QLTCVLPILD NLLKANVINK QEHDIIKQKT  
 QIPLQARELI DTILVKGNA ANIFKNCLKE IDSTLYKNLF VDKNMKYIPT  
 EDVSGLSLEE QLRRQLQEERT CKVCMDKEVS VVFPCGHLV VCQECAPSLR  
 KCPICRGIK GTVRTFLS

**Purity** Proprietary Purification

**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

## GENE INFORMATION

**Gene Name** BIRC2 baculoviral IAP repeat containing 2 [ Homo sapiens ]

**Official Symbol** BIRC2

**Synonyms** BIRC2; baculoviral IAP repeat containing 2; API1, baculoviral IAP repeat containing 2; baculoviral IAP repeat-containing protein 2; apoptosis inhibitor 1; c IAP1; cIAP1; hiap 2; MIHB; NFR2 TRAF signalling complex protein; RNF48

**Gene ID** 329

**mRNA Refseq** NM\_001166

**Protein Refseq** NP\_001157

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| MIM | 601712 |
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| UniProt ID | Q13490 |
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