

Recombinant Human cIAP1, GST-tagged

Cat. No. cIAP1-11240H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human cIAP1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350a.a.
Description	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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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; IAP-2; IAP homolog B; RING finger protein 48; inhibitor of apoptosis protein 2; baculoviral IAP repeat-containing 2; NFR2-TRAF signalling complex protein; TNFR2-TRAF-signaling complex protein 2; API1; HIAP2; Hiap-2; c-IAP1;
Gene ID	329
mRNA Refseq	NM_001166
Protein Refseq	NP_001157
MIM	601712
UniProt ID	Q13490
Chromosome Location	11q22
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem; CD40/CD40L signaling, organism-specific biosystem;
Function	metal ion binding; protein N-terminus binding; protein binding; transcription coactivator activity; ubiquitin-protein ligase activity; zinc ion binding;