

Recombinant Human BIRC3

Cat. No. BIRC3-27246TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human cIAP2 with a proprietary tag; predicted MWt 95.4kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	604 amino acids
Description	This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. It contains 3 baculovirus IAP repeats and a ring finger domain. Transcript variants encoding the same isoform have been identified.
Molecular Weight	95.400kDa inclusive of tags
Tissue specificity	Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00 Constituents:0.31% Glutathione, 0.79% Tris HCl Note: Glutathione is reduced
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MNIVENSIFLSNLMKSANTFELKYDLSCELYRMSTYSTFPAGVPVUSERSLARAGFYTF GVNDKVKCFCCGLMLDNWKRGDSPTEKHKKLYPSCRQSLNSVNNLEATSQPTF PSSVTNSTHSLLPGTENSGYFRGSYSNSPSNPVNSRANQDFSALMRSSYHCAMNN ENARLLTFQTWPLTFLSPTDLAKAGFYIYIGPGDRVACFACGGKLSNWEPKDNAMSE HLRHFPKCPFIENQLQDTSRYTVSNLSMQTH
Sequence Similarities	Belongs to the IAP family.Contains 3 BIR repeats.Contains 1 CARD domain.Contains 1 RING-type zinc finger.

GENE INFORMATION

Gene Name	BIRC3 baculoviral IAP repeat containing 3 [Homo sapiens]
Official Symbol	BIRC3
Synonyms	BIRC3; baculoviral IAP repeat containing 3; API2, baculoviral IAP repeat containing 3; baculoviral IAP repeat-containing protein 3; apoptosis inhibitor 2; c IAP2; cIAP2; hiap 1; inhibitor of apoptosis protein 1; MALT2; mammalian IAP homolog C; MIHC; RNF4
Gene ID	330
mRNA Refseq	NM_001165
Protein Refseq	NP_001156
MIM	601721

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Uniprot ID	Q13489
Chromosome Location	11q22
Pathway	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; C-MYB transcription factor network, organism-specific biosystem; CD40/CD40L signaling, organism-specific biosystem;
Function	metal ion binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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