

Recombinant Human Baculoviral IAP Repeat-containing 2

Cat. No. BIRC2-2633H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human Baculoviral IAP Repeat-containing 2 (amino acids 1-618) was fused to the peptide sequence MATVIDH10SSNG at the N-terminus and expressed in <i>E. coli</i> . cIAP is a member of the inhibitor of apoptosis family of proteins that inhibits proteolytic activity of mature caspases by interaction of the BIR domain with the active caspase. |
| Species | Human |
| Source | <i>E. coli</i> |
| Description | Baculoviral IAP repeat-containing protein 2 (also known as cIAP1) is a protein that in humans is encoded by the BIRC2 gene. cIAP1 is a member of the Inhibitor of Apoptosis family that inhibit apoptosis by interfering with the activation of caspases. |
| Form | Liquid. |
| Formulation | Sterile-filtered in 50 mM NaCl, 20 mM HEPES, 1 mM DTT, 20% glycerol, pH 8.0. |
| Molar Mass | 72300Da. |
| Purity | ≥85% by SDS-PAGE. |
| Storage | ≤ -20oC. Ship: Dry Ice Only. |

GENE INFORMATION

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|----------------------------|---|
| Gene Name | BIRC2 baculoviral IAP repeat-containing 2 [Homo sapiens] |
| Synonyms | BIRC2; baculoviral IAP repeat-containing 2; IAP homolog B; IAP-2; NFR2-TRAF signalling complex protein; RING finger protein 48; TNFR2-TRAF-signaling complex protein 2; apoptosis inhibitor 1; baculoviral IAP repeat-containing protein 2; inhibitor of apoptosis protein 2; API1; MIHB; HIAP2; RNF48; cIAP1; 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; Focal adhesion; NOD-like receptor signaling pathway; Pathways in cancer; Small cell lung cancer; Ubiquitin mediated proteolysis; Apoptosis |
| Function | metal ion binding; protein N-terminus binding; protein binding; zinc ion binding |

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