

Active Recombinant Human BIRC2 protein, Avi-tagged

Cat. No. BIRC2-3104H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human BIRC2 protein(Glu 144-Leu 356)(NP_001157.1) was expressed in E. coli, fused with the AVI tag at the C-terminus, and two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	144-356 aa
Form	Lyophilized from sterile 10mM Tris, 5% glycerol, 0.5mM EDTA, 5mM DTT, pH 7.5.
Bio-activity	Measured by its ability to inhibit DEVD-AFC cleavage activity in cell extracts activated by addition of cytochrome c and dATP. The IC50 for this effect is typically 450-750 nM.
Molecular Mass	The recombinant human cIAP1 consists of 230 amino acids and has a calculated molecular mass of 26.5 kDa as estimated by SDS-PAGE under reducing conditions.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001157.1
Unit ID	Q13490
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/Q13490
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; 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

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