

## Recombinant Human BIRC3 293 Cell Lysate

Cat. No. BIRC3-8451HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">BIRC3 baculoviral IAP repeat containing 3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	BIRC3
<b>Synonyms</b>	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; RNF49; TNFR2 TRAF signaling complex protein; IAP-1; IAP homolog C; RING finger protein 49; baculoviral IAP repeat-containing 3; TNFR2-TRAF signaling complex protein; TNFR2-TRAF-signaling complex protein 1; AIP1; API2; CIAP2; HAIP1; HIAP1; c-IAP2;
<b>Gene ID</b>	<a href="#">330</a>
<b>mRNA Refseq</b>	<a href="#">NM_182962</a>
<b>Protein Refseq</b>	<a href="#">NP_892007</a>
<b>MIM</b>	<a href="#">601721</a>
<b>UniProt ID</b>	<a href="#">Q13489</a>
<b>Chromosome Location</b>	11q22
<b>Pathway</b>	Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; C-MYB transcription factor network, organism-

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specific biosystem; CD40/CD40L signaling, organism-specific biosystem; Caspase cascade in apoptosis, organism-specific biosystem; Ceramide signaling pathway, organism-specific biosystem;

**Function**

metal ion binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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