

Recombinant Human BIRC2 protein, His & S-tagged

Cat. No. BIRC2-1168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BIRC2 aa. (Asn148~Ser298 fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn148~Ser298
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.8kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.0.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	BIRC2 baculoviral IAP repeat containing 2 [Homo sapiens (human)]
Official Symbol	BIRC2
Synonyms	BIRC2; baculoviral IAP repeat containing 2; API1; MIHB; HIAP2; RNF48; cIAP1; Hiap-2; c-IAP1; baculoviral IAP repeat-containing protein 2; IAP homolog B; IAP-2; NFR2-TRAF signalling complex protein; RING finger protein 48; RING-type E3 ubiquitin transferase BIRC2; TNFR2-TRAF-signaling complex protein 2; apoptosis inhibitor 1; cellular inhibitor of apoptosis 1; inhibitor of apoptosis protein 2
Gene ID	329
mRNA Refseq	NM_001166.4

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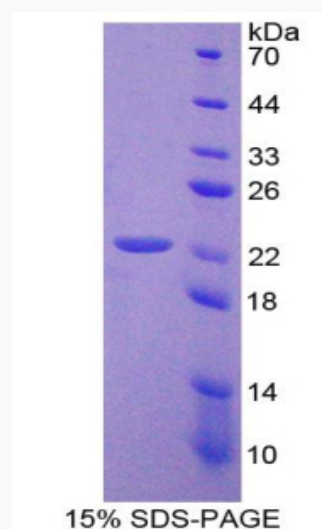
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Protein Refseq NP_001157.1

UniProt ID Q13490

SDS-PAGE



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