

Recombinant Human BIRC2 protein, His & GST-tagged

Cat. No. BIRC2-1169H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BIRC2 aa. (Phe344~Gln593 fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe344~Gln593
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	58kDa as determined by SDS-PAGE reducing conditions.
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; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. 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. The loss rate 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.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

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

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Gene ID	329
mRNA Refseq	NM_001166.4
Protein Refseq	NP_001157.1
UniProt ID	Q13490
SDS-PAGE	