

Recombinant Human BIRC3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BIRC3-2910H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

BIRC3 MS Standard C13 and N15-labeled recombinant protein (NP_001156) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a member of the IAP family of proteins that inhibit apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. The encoded protein inhibits apoptosis induced by serum deprivation but does not affect apoptosis resulting from exposure to menadione, a potent inducer of free radicals. It contains 3 baculovirus IAP repeats and a ring finger domain. Transcript variants encoding the same isoform have been identified.

Molecular Mass

68.4 kDa

AA Sequence

MNIVENSIFLSNLMKSANTFELKYDLSCELYRMSTYSTFPAGVPVSESLARAGFYTT
 GVNDKVKCFCCGLMLDNWKRGDSPTEKHKKLYPSCRQVQSLNSVNNLEATSQPTF
 PSSVTNSTHSLLPGTENSGYFRGSYSNSPNSPNSRANQDFSALMRSSYHCAMNN
 ENARLLTFQTWPLTFLSPTDLAKAGFYYIGPGDRVACFACGGKLSNWEPKDNAMSE
 HLRHFPKCPFIENQLQDTSRYTVSNLSMQTHAARFKTFFNWPSSVLVNPEQLASAG
 FYYVGNSSDDVKCFCCDGLRCWESGDDPWVQHAKWFPRCEYLIRIKGQEFIRQVQ

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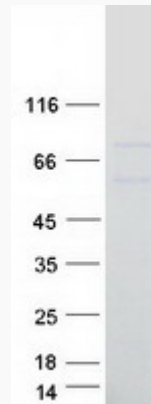
ASYPHLLLEQLLSTSDSPGDENAESSIIHFEPGEDHSEDAIMMNTPVINA AVEMGF SRS
 LVKQTVQRKILATGENYRLVNDLVLDLLNAEDEIREEEERERATEEKESNDLLLIRKNR
 MALFQHLCVIPILDSLLTAGIINEQEHDVIKQKTQTS LQARELIDTILVKG NIAATVFRN
 SLQEA EAVLYEHLFVQQDIKYIPTEDVSDLPVEEQLRRLQEERTCKVCMDKEVSIVFI
 PCGHLVVCKDCAPSLRKCPICRSTIKGTVRTFLSTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	BIRC3 baculoviral IAP repeat containing 3 [Homo sapiens (human)]
Official Symbol	BIRC3
Synonyms	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;

Gene ID	330
mRNA Refseq	NM_001165
Protein Refseq	NP_001156
MIM	601721
UniProt ID	Q13489

SDS-PAGE

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