

Recombinant Full Length Human BIRC2 Protein, C-Flag-tagged

Cat. No. BIRC2-954HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human BIRC2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	69.7 kDa
AA Sequence	MHKTASQRLFPGPSYQNIKSIMEDSTILSDWTNSNKQKMKYDFSCELYRMSTYSTFP AGVPVSESLARA GFYYTGVNDKVKCFCCGLMLDNWKLGDSPIQKHKQLYPSCSFI QNLVSASLGSTSKNTSPMRNSFAHSLS PTLEHSSLFSGSYSSLSPNPLNSRAVEDIS SSRTNPYSYAMSTEEARFLTYHMWPLTFLSPSELARAGFY YIGPGDRVACFACGGK LSNWEPKDDAMSEHRRHFPNCPFLENSLETLRFSISNLMSQTHAARMRTFMYP S SVPVQPEQLASAGFYVGRNDDVKCFCCDGLRCWESGDDPWVEHAKWFPRCEF LIRMGQFEFVDEIQG RYPHLLQQLSTSDTTGEENADPPIIHFGPGESSEDVMMN

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TPVVKSALEMGFNRDLVKQTVQSKILTT GENYKTVNDIVSALLNAEDEKREEEKEKQ
 AEEMASDDLRLIRKNRMALFQQLTCVLPILDNLLKANVINK QEHDIIKQKTQIPLQARE
 LIDTILVKGNAANIFKNCLKEIDSTLYKNLFVDKNMKYIPTEDVSGLSLEE
 QLRRQLQEERTCKVCMDKEVSVVFI PCGHLVVCQECAPSLRKCPICRGIKGTVRTFLS
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis
Full Length	Full L.

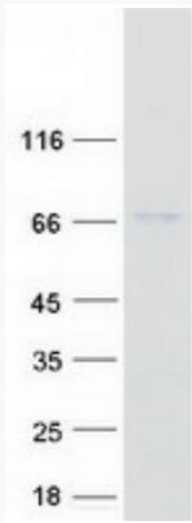
GENE INFORMATION

Gene Name	BIRC2 baculoviral IAP repeat containing 2 [Homo sapiens (human)]
Official Symbol	BIRC2

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Synonyms	API1; MIHB; HIAP2; RNF48; cIAP1; Hiap-2; c-IAP1
Gene ID	329
mRNA Refseq	NM_001166.5
Protein Refseq	NP_001157.1
MIM	601712
UniProt ID	Q13490
 Coomassie blue staining of purified BIRC2 protein.	