

Product datasheet for TP305373

CIAP1 (BIRC2) (NM_001166) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human baculoviral IAP repeat-containing 2 (BIRC2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205373 protein sequence Red=Cloning site Green=Tags(s)

MHKTASQRLFPGPSYQNIKSIMEDSTILSDWTNSNKQKMKYDFSCELYRMSTYSTFPAGVPVSESLARA
GFYYTGVDKVKCFCCGLMLDNWKLGDSPIQKHKQLYPSCSFIQNLVSASLGSTSKNTSPMRNSFAHLSL
PTLEHSSLFSGSYSSLSPLNSRAVEDISSRTNPYSYAMSTEEARFLTYHMWPLTFLSPSELARAGFY
YIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPFLENSLETLRFSISNLSMQTHAARMRTFMYW
P
SSVPVQPEQLASAGFYVGRNDDVKCFCCDGLRCWESGDDPWVEHAKWFPRCEFLIRMKGQEFVDEIQ
G
RYPHLLLEQLLSTSDTTGEENADPPIIHFGPGESSEDAVMMNTPVVKSALEMGFNRDLVKQTVQSKILTT
GENYKTVNDIVSALLNAEDEKREEEKEKQAEEMASDDLIRKRNRMALFQQLTCVLPILDNLLKANVINK
QEHDIIKQKTQIPLQARELIDTILVKGNAANIFKNCLKEIDSTLYKNLFDKNMKYIPTEDVSGLSLEE
QLRRLQEERTCKVCMDKEVSVFIPCGHLVVCQECAPSLRKCPICRGIKGTVRTFLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

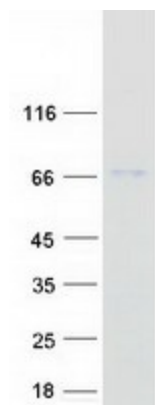
Tag:	C-Myc/DDK
Predicted MW:	69.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



[View online »](#)

Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001157
Locus ID:	329
UniProt ID:	Q13490
RefSeq Size:	3813
Cytogenetics:	11q22.2
RefSeq ORF:	1854
Synonyms:	API1; c-IAP1; cIAP1; Hiap-2; HIAP2; MIHB; RNF48
Summary:	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. [provided by RefSeq, Jan 2012]
Protein Families:	Druggable Genome
Protein Pathways:	Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified BIRC2 protein (Cat# TP305373). The protein was produced from HEK293T cells transfected with BIRC2 cDNA clone (Cat# [RC205373]) using MegaTran 2.0 (Cat# [TT210002]).