

Product datasheet for TP311599

CIAP2 (BIRC3) (NM_182962) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211599 protein sequence Red=Cloning site Green=Tags(s)

MNIVENSIFLSNLMKSANTFELKYDLSCELYRMSTYSTFPAGVPVSLARAGFYTGVDKVKCFCCG
LMLDNWKRGDSPTEKHKKLYPSCRQVQSLNSVNNLEATSQPTFPSSVTNSTHLLPGTENSIFYRGSYSN
SPSNPVSNSRANQDFSALMRSSYHCAMNNENARLLTFQTWPLTFLSPTDLAKAGFYIGPGDRVACFACGG
KLSNWEPKDNAMSEHLRHFPCPFIEQLQDTSRYTVSNLSMQTHAARFKTFNWPSSVLVNPEQLASAG
FYYVGN SDDVKCFCCDGLRCWESGDDPWVQHAKWFRCEYLIRIKGQEFIRQVQASYPHLLEQLLSTSD
SPGDENAESSIIHFEPGEDHSEDAIMMNTPVINA AAVEMGFSRSLVKQTVQRKILATGENYRLVNDLVLDL
LNAEDEIREERERATEEKESNDLLLIRKNRMALFQHLTCVIPILDSLLTAGIINEQEHQKKTQTSL
QARELIDTILVKGNI AATVFRNSLQEA EAVLYEHLFVQQDIKIPTEDVSDLPVEEQLRRLQEERTCKVC
MDKEVSIVFIPCGHLVCKDCAPSLRKCPICRSTIKGTVRTFLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

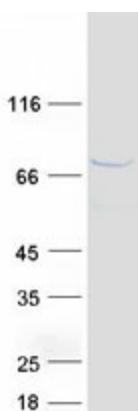
Tag:	C-Myc/DDK
Predicted MW:	68.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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_892007
Locus ID:	330
UniProt ID:	Q13489
RefSeq Size:	4372
Cytogenetics:	11q22.2
RefSeq ORF:	1812
Synonyms:	AIP1; API2; c-IAP2; CIAP2; HAIP1; HIAP1; IAP-1; MALT2; MIHC; RNF49
Summary:	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. [provided by RefSeq, Aug 2011]
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 BIRC3 protein (Cat# TP311599). The protein was produced from HEK293T cells transfected with BIRC3 cDNA clone (Cat# [RC211599]) using MegaTran 2.0 (Cat# [TT210002]).