

Product datasheet for PH307764

CIAP2 (BIRC3) (NM_001165) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BIRC3 MS Standard C13 and N15-labeled recombinant protein (NP_001156)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207764
Predicted MW:	68.4 kDa
Protein Sequence:	>RC207764 protein sequence Red=Cloning site Green=Tags(s)

MNIVENSIFLSNLMKSANTFELKYDLSCELYRMSTYSTFPAGVPVRSERSLARAGFYTGVDKVKCFCCG
LMLDNWKRGDSPTEKHKLYPSCRFFVQSLNSVNNLEATSQPTFPSSVTNSTHLLPGTENSIFYFRGSYSN
SPSNPVNSRANQDF SALMRSSYHCAMNNENARLLTFQTWPLTFLSPTDLAKAGFYIIGPGDRVACFACGG
KLSNWEPKDNAMSEHLRHFPKCPFIENQLQDTSRYTVSNLSMQTHAARFKTFNWPSSVLVNPEQLASAG
FYYVGNSSDDVKCFCCDGLRCWESGDDPWVQHAKWFPRCEYLIRIKGQEFIRQVQASYPHLLEQLLSTSD
SPGDENAESSIIHFEPGEDHSEDAIMMNTPVINA AAVEMGFSRSLVKQTVQRKILATGENYRLVNDLVLDL
LNAEDEIREEERERATEEKESENDLLLIRKNRMALFQHLTCVIPILDSLLTAGIINEQEHDIKQKTQTSL
QARELIDTILVKGNI AATVFRNSLQEA EAVLYEHLFVQQDIKIYPTEDVSDLPVEEQLRRLQEERTCKVC
MDKEVSIVFIPCGHLVCKDCAPSLRKCPICRSTIKGTVRTFLS

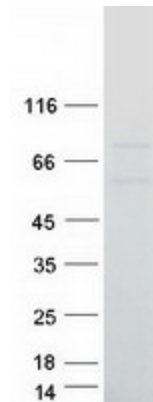
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001156
RefSeq Size:	6932
RefSeq ORF:	1812



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Synonyms:	AIP1; API2; c-IAP2; CIAP2; HAIP1; HIAP1; IAP-1; MALT2; MIHC; RNF49
Locus ID:	330
UniProt ID:	Q13489
Cytogenetics:	11q22.2
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# [TP307764]). The protein was produced from HEK293T cells transfected with BIRC3 cDNA clone (Cat# [RC207764]) using MegaTran 2.0 (Cat# [TT210002]).