

Product datasheet for PH305373

clAP1 (BIRC2) (NM_001166) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BIRC2 MS Standard C13 and N15-labeled recombinant protein (NP_001157)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205373
Predicted MW:	69.9 kDa
Protein Sequence:	>RC205373 protein sequence Red=Cloning site Green=Tags(s)

MHKTASQRLFPGPSYQNIKSIDMEDSTILSDWTNSNKQKMKYDFSCELYRMSTYSTFPAGVPVRSERLARA
GFYYTGVNDKVKCFCCGLMLDNWKLGDSPIQKHKQLYPSCSFIQNLVSASLGSTSKNTSPMRNSFAHSL
PTLEHSSLFSGSYSSLSPNPLNSRAVEDISSRTPNPSYAMSTEEARFLTYHMLPLTFLSPSELARAGFY
YIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPFLENSLETLRFSISNLSMOTHAARMRTFMWYWP
SSVPVQPEQLASAGFYVGRNDDVKCFCCDGLRCWESGDDPWVEHAKWFPCEFLIRMKGQEFVDEIQG
RYPHLLLEQLLSTSDTTGEENADPPIIHFGPGESSEDAVMNTPVVKSALEMGFNRDLVKQTVQSKILTT
GENYKTVNDIVSALLNAEDEKREEEKEKQAEEMASDDLIRKKNRMALFQQLTCVLPILDNLLKANVINK
QEHDIIKQKTQIPLQARELIDTILVKGNAANIIFKNCLKEIDSTLYKNLFVDKNMKYIPTEDVSGLSLEE
QLRRLQEERTCKVCMDEKVS VVIFPCGHLVVCQECAPSLRKPCICRGIKGTVRTFLS

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001157
RefSeq Size:	3813
RefSeq ORF:	1854



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Synonyms: API1; c-IAP1; cIAP1; Hiap-2; HIAP2; MIHB; RNF48

Locus ID: 329

UniProt ID: [Q13490](#)

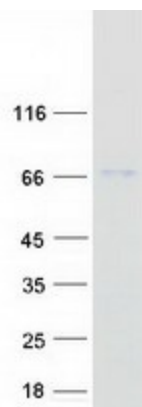
Cytogenetics: 11q22.2

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]).