

## Product datasheet for **TP305373M**

### **clAP1 (BIRC2) (NM\_001166) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human baculoviral IAP repeat-containing 2 (BIRC2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC205373 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MHKTASQRLFPGPSYQNIKSIMEDSTILSDWTNSNKQKMKYDFSCELYRMSTYSTFPAGVPVSLARA  
GFYYTGVNDKVKCFCCGLMLDNWKLGDSPIQKHKQLYPCSFQNLVLSASLSTKNTSPMRNSFAHSL  
PTLEHSSLFSGSYSSLSPNPLNSRAVEDISSRTNPYSYAMSTEEARFLTYHMWPLTFLSPSELAGFY  
YIGPGDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPFLNSLETLRFSISNLSMQTHAARMRTFMYWP  
SSVPVQPEQLASAGFYVGRNDDVKCFCCDGGLRCWESGDDPWVEHAKWFRCEFLIRMKGQEFVDEIQG  
RYPHLLLEQLLSTSDTTGEENADPPIIHFGPGESSEDAVMMNTPVVKSALEMGFNRDLVKQTVQSKILTT  
GENYKTVNDIVSALLNAEDEKREEEKEKQAEEMASDDLIRKKNRMALFQQLTCVLPILDNLLKANVINK  
QEHDIIKQKTQIPLQARELIDTILVKGNAANIFKNCLKEIDSTLYKNLFDKMKYIPTEDVSGLSLEE  
QLRRLQEERTCKVCMDEKESVVFIPCGHLVVCQECAPSLRKCPCIRGIIKGTVRTFLS

**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.

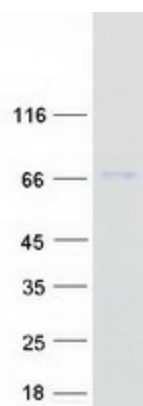
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001157</a>
<b>Locus ID:</b>	329
<b>UniProt ID:</b>	<a href="#">Q13490</a>
<b>RefSeq Size:</b>	3813
<b>Cytogenetics:</b>	11q22.2
<b>RefSeq ORF:</b>	1854
<b>Synonyms:</b>	API1; c-IAP1; cIAP1; Hiap-2; HIAP2; MIHB; RNF48
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).