

## Product datasheet for **RG234455**

### **cIAP1 (BIRC2) (NM\_001256166) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	cIAP1 (BIRC2) (NM_001256166) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	cIAP1
Synonyms:	API1; c-IAP1; cIAP1; Hiap-2; HIAP2; MIHB; RNF48
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG234455 representing NM\_001256166  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTACATATTCAACTTTCCCGCCGGGGTGCCTGTCTCAGAAAGGAGTCTTGCTCGTCTGGTTTTT  
 ATTATACTGGTGTGAATGACAAGGTCAAATGCTTCTGTTGTGGCCTGATGCTGGATAACTGGAACTAGG  
 AGACAGTCTATTCAAAGCATAAACAGCTATATCCTAGCTGTAGCTTTATTAGAACTCTGGTTTACAGT  
 AGTCTGGGATCCACCTCTAAGAATACGTCTCCAATGAGAAACAGTTTTGCACATTCATTATCTCCACCT  
 TGGAAATAGTAGCTTGTTCAGTGGTCTTACTCCAGCCTTTCTCCAAACCCTCTAATTCTAGAGCAGT  
 TGAAGACATCTTTCATCGAGGACTAACCCCTACAGTTATGCAATGAGTACTGAAGAAGCCAGATTTCTT  
 ACCTACCATATGTGGCCATTAACTTTTTGTACCATCAGAATGGCAAGAGCTGGTTTTTATTATATAG  
 GACCTGGAGATAGGGTAGCCTGCTTTCCTGTGGTGGGAAGCTCAGTAAGTGGGAACCAAGGATGATGC  
 TATGTCAGAACACCGGAGGCATTTTCCCAACTGCCATTTTGGAAAATCTCTAGAAACTCTGAGGTTT  
 AGCATTTCAAATCTGAGCATGCAGACACATGCAGCTCGAATGAGAACATTTATGTACTGGCCATCTAGTG  
 TTCCAGTTCAGCCTGAGCAGCTTCAAGTGTGGTTTTTATTATGTGGTTCGCAATGATGATGTCAAATG  
 CTTTTGTTGTGATGGTGGCTTGGAGTGTGGGAATCTGGAGATGATCCATGGGTAGAACATGCCAAGTGG  
 TTTCCAAGGTGTGAGTCTTGTACGAATGAAAGGCCAAGAGTTTGTGATGAGATTCAAGGTAGATATC  
 CTCATCTTCTTGAACAGCTGTTGTCAACTTCAGATACCACTGGAGAAGAAAATGCTGACCCACCAATTAT  
 TCATTTGGACCTGGAGAAAGTTCTTCAGAAGATGCTGTCATGATGAATACACCTGTGGTAAATCTGCC  
 TTGGAAATGGGCTTTAATAGAGACCTGGTGAACAAACAGTTCAAAGTAAAATCCTGACAACCTGGAGAGA  
 ACTATAAAACAGTTAATGATATTGTGTCAGCAGCTTCTTAATGCTGAAGATGAAAAAGAGAGAGAGAA  
 GGAAAAACAAGCTGAAGAAATGGCATCAGATGATTTGTCATTAATTCGGAAGAACAAGTGGCTCTCTTT  
 CAACAATTGACATGTGTGCTTCTATCCTGGATAATCTTTTAAAGCCAATGTAATTAATAAACAGGAAC  
 ATGATATTATAAAACAAAAACACAGATACCTTTACAAGCGAGAGAACTGATTGATACCATTTTGGTTAA  
 AGGAAATGCTGCGGCCAACATCTTCAAAAAGTGTCTAAAAGAAATGACTCTACATTGTATAAGAACTTA  
 TTTGTGGATAAGAATATGAAGTATATCCAACAGAAGATGTTTCAGGTCTGCTACTGGAAGAACAATTGA  
 GGAGTTGCAAGAAGAACAAGTGTAAAGTGTGTATGGACAAAGAAGTTTCTGTTGATTTATTCCTTG  
 TGGTCATCTGGTAGTATGCCAGGAATGTGCCCTTCTCTAAGAAAATGCCCTATTTGCAGGGGTATAATC  
 AAGGGTACTGTTCTGATCTTCTCT

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG234455 representing NM\_001256166  
 Red=Cloning site Green=Tags(s)

MSTYSTFPAGVPVRSERSLARAGFYITGVNDKVKCFCCGLMLDNWKLGDSPIQKHKQLYPCSFQIQLVSA  
 SLGSTSKNTSPMRNSFAHSLSPLEHSSLFSGSYSSLSPNPLNSRAVEDISSRTNPYSYAMSTEEARFL  
 TYHMWPLTFLSPSELARAGFYIIGPDRVACFACGGKLSNWEPKDDAMSEHRRHFPNCPFLENSLETFLR  
 SISNLSMQTHAARMRTFMYWSSVPVQPEQLASAGFYVGRNDDVKFCDDGGLRCWESGDDPWVEHAKW  
 FPRCEFLIRMGQEFVDEIQGRYPHLLLEQLLSTSDTTGEENADPPIIHFPGGESSEDAVMMNTPVVKSA  
 LEMGFNRDLVKQTVQSKILTTGENYKTVNDIVSALLNAEDEKREEEKEKQAEEMASDDLIRKRNRMALF  
 QQLTCVLPILDNLLKANVINKQEHDIKQKTQIPLQARELIDTILVKGNAAANIFKNCLKEIDSTLYKNL  
 FVDKNMKYIPTEDVSGLSLEEQLRRLQEERTCKVCMDEKVSVMVIPCGLHVVQCPCAPSLRKPCICRGI  
 KGTVRTFLS

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

SgfI-MluI

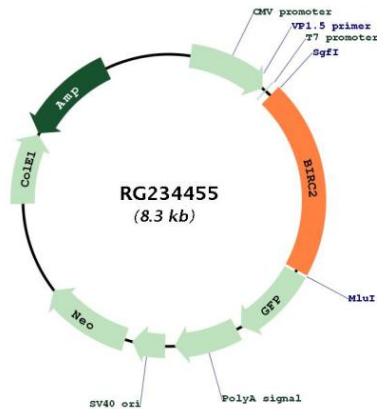


**Protein Families:** Druggable Genome

**Protein Pathways:** Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis

**Gene 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]

**Product images:**



Circular map for RG234455