

Product datasheet for **SC332309**

cIAP1 (BIRC2) (NM_001256166) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: cIAP1 (BIRC2) (NM_001256166) Human Untagged Clone
Tag: Tag Free
Symbol: cIAP1
Synonyms: API1; c-IAP1; cIAP1; Hiap-2; HIAP2; MIHB; RNF48
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332309 representing NM_001256166.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCTACATATTCAACTTTCCCGCCGGGGTGCCTGTCTCAGAAAGGAGTCTTGCTCGTGCTGGTTTT
TATTATACTGGTGAATGACAAGGTCAAATGCTTCTGTTGTGGCCTGATGCTGGATAACTGGAAACTA
GGAGACAGTCCTATTCAAAAGCATAAACAGCTATATCCTAGCTGTAGCTTTATTCAGAATCTGGTTTCA
GCTAGTCTGGGATCCACCTCTAAGAATACGTCTCCAATGAGAAACAGTTTTGCACATTCATTATCTCCC
ACCTTGGAACATAGTAGCTTGTTCAGTGGTCTTACTCCAGCCTTTCTCCAAACCCTCTTAATTCTAGA
GCAGTTGAAGACATCTTTCATCGAGGACTAACCCCTACAGTTATGCAATGAGTACTGAAGAAGCCAGA
TTTCTTACCTACCATATGTGGCCATTAACCTTTTTGTCCACATCAGAATTGGCAAGAGCTGGTTTTAT
TATATAGGACCTGGAGATAGGGTAGCCTGCTTTGCCTGTGGTGGGAAAGCTCAGTAACTGGGAACCAAAG
GATGATGCTATGTCAGAACACCGGAGGCATTTTCCCAACTGTCCATTTTTGGAAAATCTCTAGAAACT
CTGAGGTTTAGCATTTCAAATCTGAGCATGCAGACACATGCAGCTCGAATGAGAACATTTATGACTGG
CCATCTAGTGTCCAGTTCAGCCTGAGCAGCTTGAAGTCTGGTTTTTATTATGTGGGTCGCAATGAT
GATGTCAAATGCTTTTGTGTGATGGTGGCTTGAAGTGTGGGAATCTGGAGATGATCCATGGGTAGAA
CATGCCAAGTGGTTTCCAAGGTGTGAGTCTTGATACGAATGAAAGGCCAAGAGTTTGTGATGAGATT
CAAGGTAGATATCCTCATCTTTGAACAGCTGTTGTCAACTCAGATACCACTGGAGAAGAAAATGCT
GACCCACCAATTATTCATTTGGACCTGGAGAAAGTTCTTCAGAAGATGCTGTCATGATGAATACACCT
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CTGACAACTGGAGAGAACTATAAAAACAGTTAATGATATTGTGTCAGCACTTCTTAATGCTGAAGATGAA
AAAAGAGAAGAGGAGAAGGAAAAACAAGCTGAAGAAATGGCATCAGATGATTTGTCATTAATTGGGAAG
AACAGAATGGCTCTTTCAACAATTGACATGTGTGCTTCTATCCTGGATAATCTTTAAAGGCCAAT
GTAATTAATAAACAGGAACATGATATTATTAACAAAAACACAGATACCTTTACAAGCGAGAGAAGTGTG
ATTGATACCATTTGGTTAAAGGAAATGCTGCGCCAACATCTTCAAAAAGTGTCTAAAAGAAATGAC
TCTACATTGTATAAGAAGTATTTGTGGATAAGAATATGAAGTATATTCCAACAGAAGATGTTTCAGGT
CTGTCAGTGAAGAAACAATTGAGGAGGTTGCAAGAAGAACGAAGTGTAAAGTGTGATGGACAAAGAA
GTTTCTGTTGATTTATTCCTTGTGGTCTCTGGTAGTATGCCAGGAATGTGCCCTTCTCTAAGAAAA
TGCCCTATTTGCAGGGGTATAATCAAGGGTACTGTTCTGACATTTCTCTCTTAA
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001256166



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Insert Size:	1710 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001256166.1</u>
RefSeq Size:	2408 bp
RefSeq ORF:	1710 bp
Locus ID:	329
UniProt ID:	<u>Q13490</u>
Cytogenetics:	11q22.2
Protein Families:	Druggable Genome
Protein Pathways:	Apoptosis, Focal adhesion, NOD-like receptor signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis
MW:	64.1 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) has an alternate splice site in the 5' region, which results in a downstream AUG start codon, compared to variant 1. The resulting isoform (2) is shorter at the N-terminus, compared to isoform 1.</p>