

## Product datasheet for **RN202683**

### **Xiap (NM\_022231) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Xiap (NM_022231) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Xiap
Synonyms:	Api3; Birc4; riap3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN202683 representing NM\_022231  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACTTTTAACAGTTTTGAAGGATCTAGAAGTGTGTACCTGCAGACACCAATAAGGATGAAGAATTTG  
 TAGAAGAGTTTAATAGATTAATAAACATTTGCTAACTTCCAAGCAGCAGTCCTGTTTCAGCATCAACATT  
 GGCGCAGCGGGGTTTCTCTACACTGGTGAAGGAGACACCGTGCAGTGTTCAGTTGTCACGCGGCAGTA  
 GATAGATGGCAGTATGGAGACTCAGCTGTTGGAAGACACAGGAGAATATCCCAAATTCAGATTATCA  
 ATGGTTTTTATTTGAAAACGGTGCCACACAGTCTACATCTCCTGGCATCCAAAATGGCCAGTACAAATC  
 TGAAACTGTGTGGAAACAGAAATCATTTTGTCTTGACAGGCCGTGGAGACTCATGCAGATTATCTC  
 CTGAGAAGTGGACAGTTGTAGATATTTAGATACCATATACCCGAGGAACCCGGCCATGTGTAGTGAAG  
 AAGCCAGACTGAAGACGTTTCAGAACTGGCCAGACTATGCCATTAAGCCCCAGAGAGTTAGCTAGTGC  
 TGGACTCTACTACAGGGGATTGATGATCAAGTCAATGCTTTTGTGTGGTGGAAAATGAAAAATTGG  
 GAACCCTGTGACCGTGCCTGGTCAGAGCACAGGAGACACTTTCCAACTGCTTCTCGTTTTGGGCCGGA  
 ATGTTAATGTTTCAAGTGAAGTCTGGTGTGAGTTCAGATAGGAATTTCCAAATTCACAAATTTCTCCAAG  
 AAATCCAGCCATGGCAGAATATGACGCACGGATCGTTACTTTTGGAAATGGCTATACTCAGTTAAACAAG  
 GAGCAGCTTGAAGAGCTGGATTTATGCTTTAGGTGAAGGTGATAAAGTGAAGTCTTTCACTGTGGAG  
 GAGGGCTCACGGATTGGAAGCCAAGTGAAGACCCTGGGAACAGCATGCTAAGTGGTATCCAGGGTGTA  
 ATATCTATTGGATGAGAAGGGACAAGAATATAAATAATATTCATTTAACCCATTCACTTGGGGAACTCT  
 GTGGTAAGAAGTCTGAAAAACACCATCAGTAACTAAAAAATCGATGATACCATCTCCAGAATCCTA  
 TGGTGAAGAAGCTATACGAATGGGATTCAACTCAAGGACATCAAGAAAACAATGGAAGAAAAGTCCA  
 AACATCTGGGAGCAACTATCTATCACTTGAGTTCTGATTGCAGATCTTGTGAGTCTCAGAAAGATAAT  
 TCGCAGGATGAGTCAAGTCAAGTCAAGTTCATTGCAGAAAGACATCAGTACTGAAGAGCAGCTAAGGCCCTAC  
 AAGAGGAGAAGCTTTGCAAAATCTGTATGGATAGAAAATTTGCTATAGTTTTTGTCTTGTGGACATCT  
 GGTCACTTGTAACAGTGTGCGGAAGCAGTTGACAAATGTCCCATGTGCTGCACAGTCATTACGTTCAAG  
 CAAAAATTTTTATGTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_022231

**Insert Size:** 1491 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022231.2</a> , <a href="#">NP_071567.1</a>
<b>RefSeq Size:</b>	2469 bp
<b>RefSeq ORF:</b>	1491 bp
<b>Locus ID:</b>	63879
<b>UniProt ID:</b>	<a href="#">Q9R0I6</a>
<b>Cytogenetics:</b>	Xq35
<b>Gene Summary:</b>	involved in directly inhibiting key apoptotic proteases, caspase 3 and 7 and is involved in maintenance of corpus luteum function and demise [RGD, Feb 2006]