

Product datasheet for **RN210088**

Birc2 (NM_021752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Birc2 (NM_021752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Birc2
Synonyms:	Api2; rIAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210088 representing NM_021752
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGAATAGCACAGTCTTGTCAAATTGGACAAAAGAAAACAAAGAAAAATGAAGTATGACTTTTCAT
 GTGAACCTACAGAATGTCCACATACTCAGCTTTCCAGGGGAGTTCCTGTCTCAGAGAGGAGTCTGGC
 TCGTGCTGGCTTTTACTACACAGGTGTCATGACAAGGTCAAGTCTTCTGCTGTGGCCTGATGCTGGAC
 AACTGGAAACAAGGGGACAGTCCCACTGAGAAGCACAGACAGTTCATCCAGCTGCAGCTTTGTGCAGA
 CTTTGCTTTAGGCGGTCTGCAGTCTGCAGCTAAGAACACGTCTCCTGCGAAAAGTAGATTTGCACACTC
 GCTACCTCTGGAACAAGGTGGCATTTCATCCAGCCTGCCCTCAAACCTCTCAATTCTAGAGCAGTGGAA
 GACTTCTCGTTGAGGATGAATCCCTGCAGCTATGCCATGAGTACAGAAGAGGCCAGGTTTCTTTCTTACA
 GTATGTGGCCATTAAGTTTTCTGTCCCCAGCAGAGCTGGCCAAAGCAGGCTTCTACTACACAGGGCCTGG
 AGACAGGGTGGCCTGTTTTGCCGTGGTGGAACTGAGCAACTGGGAACCGAACGATGATCCTCTGTCA
 GAGCACAGGAGACATTTCCCACTGTCCATTTCTGAAAATACTTCAGAAACGCAGAGGTTTAGTGAT
 CCAATCTCAGTATGCAGACACACTCTGCTCGGATGAGGACGTTTCTGTACTGGCCATCGAGTGTTCTTGT
 TCAGCCTGAGCAGCTTGAAGTCTGGATTTTATTATGTGGATCACAATGATGATGTCAAATGCTTTTGT
 TGTGATGGTGGCTTGAGATGTTGGGAACCCGGAGATGACCCTGGATAGAATGCCAAATGGTTTCCAA
 GGTGTGAGTCTTGATACGGATGAAGGGTCAGGAGTTTGTGATGAGATCAAGCTAGATATCCTCATCT
 TCTTGAGCAGCTGTTGTCCACTTCAGACACCTCAGAAGAAGAAAATGCTGACCCTCCAGTTGTGCATCTG
 GGCCCTGGAGAGAATTGGGAAGATGCAGTATGATGAACACACCTGTGGTTAAAGCAGCCTTGGATATGG
 GCTTCAGTAGGAGCCTGGTGAGACAGAGGTTTCAGCGACAGATCCTGGCCACTGGTGAGAACTACAGGAC
 GGTGAGTATTTGTCTCAGCACTTCTGAATGCTGAAGATGAGAGAAGAGAAGAGGAGAAGGAGAGACAG
 AGTGAAGAGACGGCATCAGGTGACTTGTATTGATTTCGGAAGAATAGAATGGCCCTTCCAACAGTTGA
 CGTGTGTCATTCTATCCTGGATGATCTTCTGAGGCCAGTGTACTTACAAAGGAGGAACATGATATTAT
 CAGACAGAAAACACAGATACCCTTACAAGCAAGAGAGCTCATCGACACCATCTTAGTCAAGGGAAATGCT
 GCAGCCAGCGTCTTCAAAACTCTCTGAAGGAAGTCGACTCTACGCTATATGAACACTTATTTGTGGAGA
 AGACGATGAAGTATATCCACAGAAGACGTTTCAGGCTTGTATTGGAAGAACAGCTGCGGAGATTACA
 AGAAGAAAGAACGTGAAAGTGTGATGGACAGAGAGGTCTCTATCGTTTTTCATTCTTGTGGTCATCTG
 GTAGTCTGCCGGGAATGTCCCTTCCCTGAGAAAGTGGCCCATCTGCAGGGGACAATTAAGGGACTG
 TGCGTACGTTTCTCTCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1719_g08.zip

Restriction Sites: Sgfl-Mlul

ACCN: NM_021752

Insert Size: 1770 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:

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: [NM_021752.2](#), [NP_068520.2](#)

RefSeq Size: 2907 bp

RefSeq ORF: 1770 bp

Locus ID: 60371

Cytogenetics: 8q11

Gene Summary: may play a role in regulation of apoptosis [RGD, Feb 2006]