

Product datasheet for **RN210748**

Birc3 (NM_023987) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Birc3 (NM_023987) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Birc3
Synonyms:	Birc2; IAP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210748 representing NM_023987
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAAAGCAATGGGGTATCAGCCTAGTGGTAAAAGTACCAAAAAGTCATGAACAAAAGTACCTCCCCG
 GAGAAAGGCTGCTTCCTTCCCCTCCCTGTCGTCTCACCATGAACATGGTTCAAGGCAGCGCTTCCTGGC
 CAAGCTGATGAAGAGTGCCGACACCTTTGAGTTGAAGTACGACTTTTCATGTGAGCTGTACCGCTTGCC
 ACATATCAACTTTCCCTGCTGGAGTCCCTGTCTCAGAGAGGAGTCTGGCTCGTGTGGCTTTTACTACA
 CAGGTGTCAATGACAAGGTCAAGTGCTTCTCCTGTGGCCTGATGCTGGACAAGTGGAAACAAGGGGACAG
 TCCCATCGAGAAGCACAGAAAGTGTATCCAGCTGCAGCTTTGTGCAGACCTGAATCCAGCCAACAGT
 CTGGAAGCTAGCCCTCAGCCTCCTTCCCTCCACAGCGACAAGCACCATGCCCTCCGGCTTTCAGCCTT
 CCGAGAGCACTGGCTACTTCAGTGGCTCCTACTCAAGCTTCCCTCAGACCCTGTGAAGTCCCGCGCAA
 TCAAGACTGCCCTGCTTTCAGCACAAGTCCCTACCACTTTGCAATGAACACGGAGAAGGCCAGATTACTC
 ACCTATCAAACGTGGCCGTTGTCTTTTCTGTCCCAGCAGAGCTGGCCAAAGCAGGATTCTACTACACAG
 GGCTGGAGATAGAGTGGCTGCTTTCGCTGTGGTGGGAAACTGAGCAACTGGGATCGTAAGGATGATCC
 TCTGTGACAGCACAGGAGACATTTCCCAGCTGCCATTCTTAAAAGATGTGGGTGAGTTCACCTTCAAA
 TACTGTCTCTAACCTGAGCATGCAGACCCACGACGACGTGTTAGAAGTTCCTACCTGGCCTTCTA
 GCGCTCTCGTTTCTCAGGAAGTGCAGAGTGGGGCTTTTATTACACGGGACACAGTGTGACGTCAA
 GTGCTTTTGTGTGATGGTGGGTAAGATGCTGGGAATCTGGAGACGACCCCTGGGTGGAACACGCCAAG
 TGGTTTCCAAGGTGTGAGTACTTGATCAGAATCAAAGGCCAAGAGTTCGTTGGCCAAGTCAAGCTGGTT
 ACCCTCATCTACTTGAGCAGCTATTATCTACGTCAGACTCCCCAGAGGATGAGACTGGAGAGGCAGCAAT
 TGTGCATCTGGCCCTGGAGAGAATTGGGAAGATGCAGTGTGATGAACACACCTGTGGTTAAAGCAGCC
 TTGGACATGGGCTTCAGTAGGAGCCTGGTGGAGACAGCGTTTCAGCGACAGATCCTGGCCACTGGTGA
 ACTACAGGACGGTCAGTGACCTCGTGATAGGCCTACTGGATGCAGAAGATGAGATGAGAGAGGAGCAGAC
 GGAGCAGGAGGCCGAGGAGGAGGAGTGCAGATGATCTAACATTAATCCGGAAGAACAAAATGGTGCTTCT
 CAACATTTGACGCTGTGACACCAATCCTGGATTGCCTCCTAAGTGCCAGGGTATTACCGAACAGGAGT
 ACGATGCCGTAACAGAAACCACACACCTTGCAGGCAAGGACACTGATCGATACTGTATTAGCGAAAGG
 AAACCCGACGACCTCATTAGAACTCCCTGCAGGAAATCGACCCTGGGTTGTACAGAGATATTTT
 GTGCGACAGAACATTAGGAGTCTCCACAGATGACATTGCAGCTCTACCGATGGAAGAAGCTTCCGGA
 AACTCCAGGAAGAGAGAAGTGTAAAGTGTGATGGACCGAGAGGTGTCCTCGTTTTTCATTCCTGTGG
 CCATCTGGTCTGTGCAAGAATGTGCCCTCTCTGAGGAAGTGTCCATCTGCAGAGGGACTATCAAG
 GGCACAGTGGCACATTTCTCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_023987
- Insert Size:** 1917 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_023987.3](#), [NP_076477.3](#)

RefSeq Size: 2636 bp

RefSeq ORF: 1917 bp

Locus ID: 78971

Cytogenetics: 8q11

Gene Summary: may be involved in inhibition of apoptosis [RGD, Feb 2006]