

Product datasheet for **RR210748**

Birc3 (NM_023987) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide
Sequence:

>RR210748 representing NM_023987
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAAAGCAATGGGGTATCAGCCTAGTGGTAAAAGTACCAAAGTCATGAACAAAACACTACCTCCCCG
GAGAAAGGCTGCTTCCTTCCCCTCCCTGTCGTCTCACCATGAACATGGTTCAAGGCAGCGCCTTCCCTGGC
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TCCCATCGAGAAGCACAGAAAGTGTATCCCAGCTGCAGCTTTGTGCAGACCTGAATCCAGCCAACAGT
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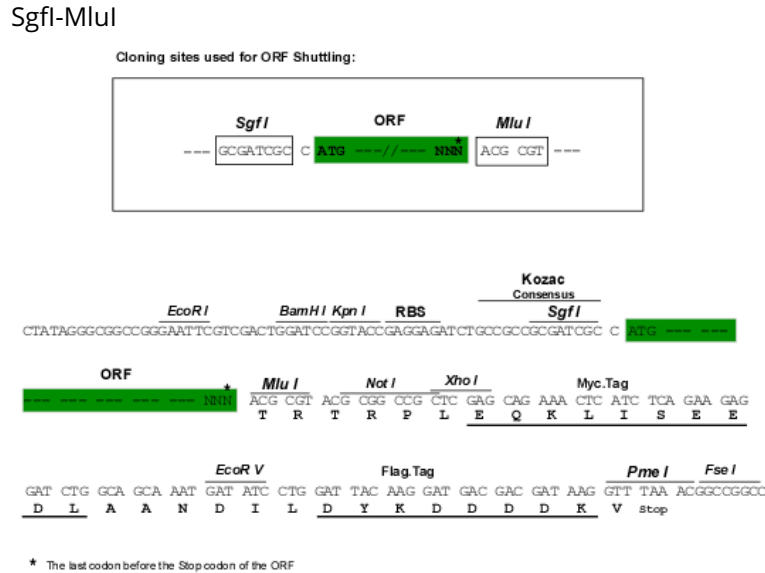
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >RR210748 representing NM_023987
 Red=Cloning site Green=Tags(s)

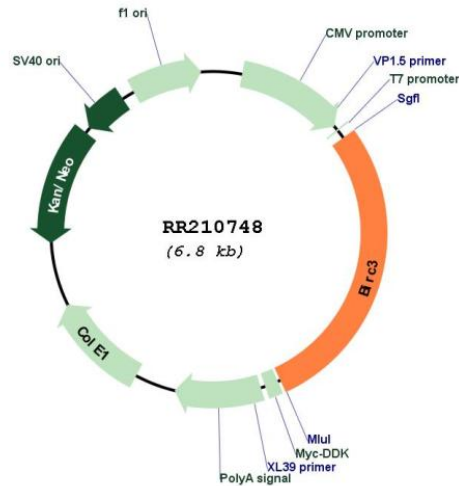
MAKQWGISLVVKLTKSHEQNYLPGERLLPSPPCRLTMMMVQGS AFLAKLMKSADTFELKYDFSCELYRLS
 TYSTFPAGVPVRSERSLARAGFYITGVNDKVKCFSCGLMLDNWKQGDSPIEKHKLYPSCSFVQTLNPANS
 LEASPQPLPSTATSTMPSGFAAESTGYFSGSYSSFPDPVNFNANQDCPAFSTSPYHFAMNTEKARLL
 TYQTWPLSFLSPAELAKAGFYITGPGDRVACFACGGKLSNWDKDDPLSEHRRHFPSCPFLKDVQGFSTQ
 YTVSNLSMQTHAARVRFSTWPSSALVHPQELASAGFYITGHSDDVKCFCCDGGLRCWESGDDPWVEHAK
 WFRPCEYLIRIKQQEFVGVQVQAGYPHLLLEQLLSTSDSPEDETGEAAIVHLGPGENWEDAVMMNTPVVKAA
 LDMGFSRSLVRQTVQRQILATGENYRTVSDLVIGLLDAEDEMREEQTEQEAEESDDTLIRKNKMVLL
 QHLLTPVTPILDCLLSARVITEQEYDAVKQKPHLQARTLIDTVLAKGNTAATSFNRLQEI DPGLYRDI
 VRQNI RSLPTDDIAALPMEEQLRKLQEERTCKVCM DREVSLVFI PCGHLVVKCECAPSLRKPCICRGTIK
 GTVRTFLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:
Cloning Scheme:



Plasmid Map:



ACCN: NM_023987

ORF Size: 1914 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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
MW: 71.4 kDa
Gene Summary: may be involved in inhibition of apoptosis [RGD, Feb 2006]