

Product datasheet for **RN203451**

Bnc1 (NM_001108916) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bnc1 (NM_001108916) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bnc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203451 representing NM_001108916
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCGCGGGTTCGCCGAGCCGGGGCGGACGCGGAGCGGCCCGGGCAGGGTACGCGCGCCGGGAAGGCCGGC
 CCCGGAGCGGCCGAGGATGGCTGAGGCTATCGGCTGTACTCTGAACTGCAGTTGCCAAAGCTTCAAACC
 TGGGAAGATAAACACCGCCAGTGTGAACAGTGCAGGCATGGATGGTGGCTCATGCTCTAAGTAAGCTG
 AGGATCCCCCGTGTATCCGACAAGCCAAGTGGAAATTGTCCAGTCCAATGTAGTGTGGATATTAGCA
 GCCTTATGCTCTATGGAACCCAAGCTATCCCTGTTGCGCTGAAAACTCTACTGGACCGGCTCTTCAGTGT
 GCTGAAGCAAGATGAGGTTCTACAGATCCTCCATGCCCTGGACTGGACACTTCAGGATTACATCCGTGGA
 TATGTGTTACAGGATGCCTCAGGAAGGTGTTGGATCACTGGAGCATCATGACCAGTGGAGGAAGTGG
 CCACCTTGCAAGCAGTTCCTTCGTTTTGGAGAGACCAAGTCTATAGTTGAGCTCATGGCAATCCAAGAGAA
 AGAAGAGCAGTCTATCGTCATTCCACTGCCACAGCAAACGTAGACATCAGGGCTTTCATCGAGAGCTGC
 GGCACAGGAGTGCCAACCTCCCACTCCGGTGGACAAAGGAAACCCAGCAGCATGCATCCTTTTGAGA
 ACCTTATAAGCAACATGACGTTTCATGTTGCCTTCCAGTTCCTCAACCCTCTGCCTCCTGCTCTGATAGG
 GTCGCTGCCTGAACAGTACGTGCTGGAGCAGGGTCAAGACAAAGCCGGGACCCCAAGCAGGACCTTCAT
 GGGCCCTTTTCTGACAGTGGCTTCTTAACCTCCACCCCGTTTCAGGTTGAAAAGGAACAGTGTCTAAGCT
 GTCCAGACGCTGTACCCAGAAGGAAGACAGTGCCACTTAAGTACTCCAGCTCCTACAGCATTGCCAG
 TAAGCTCGAAAGGACACAGCTGTCCCTGAGGCCAAAAAAGAAGCTGAGAGGAACAGCCTGAGTGCTAAG
 AAGGGCCGGGTGTTCTGCACCGCATGCGAGAAGACATTCATGACAAAGGCACCTCAAGATCCACTACA
 ACGCCCTCCACTGAAGATCAAGCATAAGTGCACATAAGTCAAGAGGGTGAACATGGTGTTCAGTCCCTGAG
 GAGCCGGAACCGACACAGCGCCAAACCCCAACCCTCGCCTGCACATGCCAATGAACAGAAACAACCGAGAC
 AAAGATCTCAGGAACAGCCTGAACCTGGCAAGCTCCGAGACCTACAAGGCCCCAGGTTTTCACAGTATGT
 CTCAGACTGTGGGCCCTCCCTGGCTACACTGGTTCAGTGGAGGACTCCAAAGGCCAACAGCTTTCTC
 AAGCATTGGGCAAAATGGTGTGCTTTTCCCAACCTAAAGACTGTCCAGCCAGTCCCTTCTTTCTACCGC
 AGTCCAGTACTCCCGGGAAGTGGCAACACACCCGGCATGCTGCCTTCTCCTCTGATCTCCTCCT
 CAATCCCAGAACAGCTGGTTTCCACAGAGTGCCTTTGATGCTTCCCAAGAAGAAGTCCCGGAAGTC
 CAGTATGCCATCAAGATAGAGAAAGAAGCTGTGGAATAGCTGATGAGAAGAGACAGTCTCAGTCA
 GATGATGACGTGCCCTGCAGGTAGTCAAGTGAAGATGAGCCAGAGGACAGCAGTCCCTCAGTCAAGACAG
 TGCTGAGGAGCAGCGTACACAGCTAGGCTTAGAGGAGCCTTCCACAGGGAGAAAGAGCCTGCCATCT
 TGAATCTGTGATTGAGCCGATGGAGCTATCAGCAGAACCCTTGAGCAGACCACGCTCACTGAGAGGGAG
 TCTGAACAGAAGGTGCGACTGAGTTCAGTATGCCAAGAGAGGTGGAGCATGATGGTACAGAGCGACATT
 TCACCCCTGGCCTGGGGCCCAATCCCTTTCTGACTATATGGAATTGCAGCAGCGCCTGCTGGCTGG
 GGGACTCTTTGGTGTCTTGTCCAACAGGGGGATGGCTTTTCTTTTCTGGAAGAGTCTAAAGAAGTGGGA
 CACCTGAGTGAACATGCACTAGTGAAGCAGAAGGAAGAACTCGCTTTCAGTGTGACATTTGCAAGAAGA
 CCTTTAAAAACGCTTGCAGCATGAAGACACACGAGAAGAGTACACATGCCAGAGAGACACATGCGTGCAC
 GGTGGACGGCTGCGGGGCTGCTTCTTTCCAGGAGGAGCAGAGACACAGCTCGAACCTAAGCCTC
 CACCAGAAAGTATTGAATGAAGAAGCGTTGGAGACCAGTGAAGACATTTTCGTGACGCTTACCTTCTTC
 AAGATGTGGCCAAGGAGGCTATCAGGATGTGGCTTTCACACCACAAGCCTCACAGACATCTGTCATCTT
 CAAGGGAACAAGCGCATGGGCAGTCTGGTTTACCCAATATCCCAAGTTCACAGTCCAGCCTGGAGAGC
 TACAACCTGGGCCCCCTAGCGAGGGCACCATCTGGATTTGAGCACTACCTCAAGTATGAAGTCAGAGA
 GCAGCAGTATTCTCCTGGGACTCTGACGGGTGAGCGAGGAAGGTACCGCCCTTATGGAGGACAGTGA
 TGGCAACTGTGAAGGACAGACCTTGTCTCTGCAGAAGATGAGTACCCCATCTGTGCTCTGATGGAGAAG
 GCCGACCAGACCTTGTAGTCTGCCCTCTGGTTTCCAATAACCTGTCATCTCTGCCAAAAGATATACA
 GTAACAAAGGACCTTCAGAGCCATTACAAAACCGTGCACCTCCGCCAGCTCCATAAGTCAAAGTACC
 AGGCTGCAACACGATGTTTTATCTGTCCGAGTAGAAAACAGACACAGTCAAGATCCCAACTGCACAAG
 AGCCTGGCTTCATCTCCAGGCCACTCCAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108916
Insert Size:	2973 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_001108916.1</u> , <u>NP_001102386.1</u>
RefSeq Size:	4736 bp
RefSeq ORF:	2973 bp
Locus ID:	365299
Cytogenetics:	1q31