

Product datasheet for **RN211139**

Brd2 (NM_212495) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brd2 (NM_212495) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brd2
Synonyms:	Ring3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211139 representing NM_212495
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCAAAACGTGACTCCCCACAAGCTCCCTGGGGAAGGGAATGCAGGGTTACTGGGGCTGGGCCAG
 AGGCAGCAGCACCAGGAAAAGGATTCGAAAGCCTTCGCTGTTGTATGAGGGATTCGAGAGCCCCACAAT
 GGCTTCTGTACCACTTTACAACCTGGCCCTGCCAACCCACCCCTCCTGAGGTGCCAATCCCAAAAAG
 CCAGGACGAGTAACAAACCAACTGCAGTACCTGCACAAGGTAGTAATGAAGGCTCTGTGGAAGCATCAGT
 TTGCATGGCCATTCGGCAGCCTGTGGACGCTGTGAAGCTGGGTCTGCCGATTATCACAAAATTATCAA
 ACAGCCCATGGACATGGGAATCAAGAGGAGACTTGAAAACAATTACTACTGGGCTGCCTCAGAATGT
 ATGCAGGATTTAACACCATGTTACCAACTGTTATATTTACAACAAGCCCACGGATGATATTGCCTAA
 TGGCACAGACACTGGAAGATCTTCTTACAGAAAGTGGCATCGATGCCACAAGAGGAGCAAGAGCTGGT
 GGTGACTATCCCTAAGAACAGCCATAAGAAGGGGGCCAAGTTAGCAGCACTCCAGGGCAGTATTACCAGT
 GCCCATCAGGTGCTGTCTTCTGTGTGCGATACAGCCCTGTATACACCACCACCTGAAATACCTA
 CCACTGTCCTCAACATTCACCACCCATCAGTCACTCTCGTCTCCCTTCTAAAGTCCCTGCATTCTGCTGG
 GCCCCACTCCTTGTGTATCAGCAGCTCCTCCAGCTCAGCCCTTGCCAAGAAAAAGGCGTTAAACGG
 AAAGCAGATACTACCACCCTACACCTACAGCCATCCTGGCTCCCGGTTCCCGAGCTAGTCTCCTGGGA
 GTCTTGAGCCAAAGGCAGCAGGCTCCCTCCTATGCGCAGAGAGAGTGGCCGCCAATCAAGCCCCACG
 AAAAGACTTGCTGACTCGAACAGCAACACCAGAGCTCTAAGAAAGGAAAGCTGCAGAACAGTAAAA
 CACTGCAATGGCATCCTGAAGGAGCTGCTCTAAGAAGCATGCTGCCTATGCCTGGCCTTTCTATAAAC
 CAGTGGACGCTTCTGCTTTGGCCTTCATGACTACCATGACATTAAGCACCCCATGGACCTCAGCAC
 TGTCAAGCGGAAGATGGAGAACCAGGATTACCGGATGCACAGGAGTTTGTCTGTGATGTACGGCTCATG
 TTCTCCAAGTATAAGTACAATCCTCCAGACCAGTGTCTGTGGCTATGGCCCGAAGTTACAGGATG
 TGTTTGAGTTCGGCTATGCCAAGATGCCAGATGAGCCACTGGAACCAGGACCTTTACCTGTCTCTACTGC
 CTTGCCTCCCGGTTGGCCAAATCCTCTTCAGAGTCTCCAGTGAAGAAAGTAGCAGTGAAGACTCCTCT
 GAGGAAGAGGAGGAAGAGGATGAGGAAGATGAGGAGGAGGAGTGAAGCTCAGACTCCGAGGAAGAAA
 GGGCTCATCGCTGCCAGAGCTGCAAGAGCAGCTTCGGGCAGTTCATGAACAACCTGGCTGCCCTATCCA
 GGGCCGATATCTAAACCAAGCGGAAGAGAGAAAAAGAAAAAAGAAACGGAAGGCAGAGAAA
 CATCGTGGCCGAATTGGGATTGATGAAGATGATAAGGGGCTAGGGCCCTCGCCACTTCAGCCAAGA
 AATCTAAGAAAGCAGGTGGTGGGGTAGCAATGCTACTACACTCAGCCATCCTGGCTTCGGGACTTCTGC
 AGGAAGTAGCAACAAGCTGCCTAAAAAGGCTCAGAAGACTGCCCCACCTGTCTTCCCACTGGCTATGAT
 TCGGAGGAGGAGGAAGAAAGCAGGCCATGAGTTATGATGAAAAGAGACAGCTAAGCCTGGATATCAATA
 AGTTACCTGGGAAAAGCTGGTTCGAGTTGTACATATCATCCAAGCCAGAGAGCCTTCTCTACGTGATTC
 AAATCCAGAAGAAATTGAGATTGATTTTGAACACTCAAGCCGTCCACACTTAGGGAGCTTGAACGATAC
 GTTTTATCCTGCCTTCGAAAGAAACCCCGAAGCCCTATACTATTAGAAAACCTGTGGGAAAACAAAGG
 AGGAACGGCTTTGGAGAAGAAGCGGAACTAGAGAAGCAGTGCAGGATGTCAGTGGACAGCTTAACTC
 CACCAAAAACCCCAAGAAAGCAGTGAAGAAGACAGATCATCTGCACAGCAAGTGGCAGTGTCCCGT
 CTCAGTGTCTTAGTTCGAGCTCAGACTCCAGCTCCTCCTCCTCGTCTCATCTTCTTCAGACACCAGCG
 ATTCAGACTCGGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_212495
Insert Size: 2397 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:	NM_212495.1 , NP_997660.1
RefSeq Size:	3623 bp
RefSeq ORF:	2397 bp
Locus ID:	294276
UniProt ID:	Q6MGA9
Cytogenetics:	20p12
Gene Summary:	mouse homolog may act as a transcriptional regulator, possibly involved in regulation of mammary epithelial cell proliferation and lactation [RGD, Feb 2006]