

Product datasheet for **RN215693**

Brd9 (NM_001107453) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brd9 (NM_001107453) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brd9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215693 representing NM_001107453
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAAGAAGCACAAGAAGCACAAGGCAGAATGGCGCTCGTCGTACGAAGATTATACAGACACACCAC
 TGGAGAAGCCTCTGAAGCTGGTGTCAAGGTGGGAGGAAGTGAAGTGACAGAGCTCTCAGGATCTGGTCA
 CGACTCCAGCTACTATGATGACCGGTGAGACCATGAGCGGGAAGACATAGGGAAAAAGAAAGAAAAAG
 AAGAAGAAGTCAGAGAAGGAAAAGCACCTTGATGAGGAGGAGAGGAGGAAGGAAGGAAGAAAGAAC
 GGAAGCGGGAGAAGAACATTGTGACTCAGAGGGGGAGGCTGATGCCCTTGACCTGGGAAGAAGGTGGA
 GGTGGAACCAACCCAGATCGACCACTGAGAATGAGAGCACACCCATCCAGAGGCTTCTGGAGCACTTC
 CTCGCCAGCTACAGAGAAAAGATCCTCATGGATTTTTTGCTTTCTGTTACGGATGCAATTGCTCCTG
 GGTATTCAATGATAATAAAACATCCCATGGACTTTGGCACGATGAAAGACAAGATTGTAGCTAATGAATA
 TAAATCAGTCACAGAATTAAGGCAGATTTCAAATTAATGTGTGATAATGCGATGACGTACAATAGACCA
 GACACCGTGACTACAAATTAGCCAAGAAGATCCTGCACGCGGGCTTTAAGATGATGAGCAAAACAGGCAG
 CTCTCTTGGGCAGTGAAGACCCCGCAGTTGAGGAACCTGTTCTGAGGTTGTCCAGTGCAAGTAGAAAC
 TACCAAGAAATCCAAAAGCCGAGTAGAGAAGTCATCAGCTGCATGTTTGAGCCTGAAGGGAATGCCTGC
 AGCCTGACAGACAGCACAGCAGAGGAGCATGTGCTAGCCCTGGTAGAGCACGCAGCTGATGAGGCTCGGG
 ACAGGATTAACCGGTTTCTCCAGGTGGCAAGATGGGGTACCTGAAGAAGCTTGAGATGGAAGTCTACT
 CTACAGTGTGGTGAATGCAACTGAGCCTGATGCTGATGAGGAGGAGACACACCTGTGGACCTGAGTTCA
 CTGTCCAGCAAGTTGCTCCAGGTTTTACAACATTGGGTTTCAAAGATGAAAGAAGAAATAAAGTCACAT
 TCCTCTCCAGTGCCAGCACTGCACCTTCAATGCAGAACAACCTGTGTTTGGGGACTTGAAGTCGGATGA
 GATGGAGCTTCTGTATTCTGCCTATGGAGATGAGACTGGTGTGCAGTGCGCACTGAGCCTGCAGGAATTC
 GTGAAGGATGCTGGAAGCTACAGCAAGAAAATGGTAGATGACCTCCTGGACCAAAATCACAGGTGGCGATC
 ACTCAAGGATGATCTTCCAGCTGAAGCAGAGGAGGAGCATCCCCATGAGACCTGCAGATGAGATGAAGGT
 TGGGGACCACTGGGAGATAGTGGTGGCCCTGTTCTGGACTTCATGTCAATGAAACAGTATCCTGATGTC
 TCCCTGGATGTGTCCATGCTCAGCTCTCTTGGGAAAGTGAAGAAGGAGCTGGACCATGAGGATAGCCACT
 TGAACCTGGACGAGACAGCCAGGCTCCTGCAGGACTTACATGAAGCACAGCAGAGCGAGGAGGCTCCCG
 GCCATCTCCAACCTTAGCTCTCTGCTCACTGCCTCTGAGAGGGAGCAGCATCTCCAGGAAGTCTTCT
 CGCCTTAGTGTTGGGGAACAGCCGGATGTACCCATGACCCTTACGAATTCCTTCAATCTCCAGAACCTG
 CAGCTCCTGCCAAGAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107453

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_001107453.1](#), [NP_001100923.1](#)

RefSeq Size: 2363 bp

RefSeq ORF: 1770 bp

Locus ID: 308067

Cytogenetics: 1p11