

Product datasheet for **RN208565**

Brd4 (NM_001100903) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brd4 (NM_001100903) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brd4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN208565 representing NM_001100903 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTACGGAGAGCGGCCCTGGGACAAGATTGAGAAATCTGCCAGTAATGGGGATGGACTAGAAAACCT
CCCAAATGTCTACAACGCAGGCCAGGCCAACCCAGTCAGCAAATGCAGCCAGCACCAATCCTCCACC
CCCAGAGACCTCCAACCCTAACAAGCCCAAGAGGCAGACCAACCAACTGCAATATCTGCTCAGAGTGGTG
CTCAAGACACTATGGAACACCAGTTTGGCTGGCCTTTCCAGCAGCCTGTGGATGCCGTCAAGTGAACC
TCCCTGATTACTATAAGATTATTAACAACCCCATGGATATGGGAACAATAAAGAAGCGCTTGGAAAACAA
CTATTACTGGAATGCTCAGGAATGTATCCAGGACTTCAACACTATGTTTTACAAATTGTTACATCTATAAC
AAGCCTGGAGATGACATCGTCTTAATGGCAGAAGCTCTGGAGAAGCTCTTCTGCAGAAAATCAATGAAC
TGCTACAGAAGAAACCGAGATCATGATAGTCCAGGCAAAGGGACGAGGACGAGGGAGGAAAGAAACAGG
GACAGCAAAGCCTGGTGTATCCACGGTACCAAACACAACCTCAAGCATCAACTTCTCCGCAGACCCAGATG
CCTCAGCAGAACCCTCCTCCACCTGTGCAGGCCACAACCTACCCCTTCTGCTGTACCCAGACCTCA
TTGCCAGCCTCCTGTCATGACAATGGTGCCCCCAGCCACTTCAGACTCCTTACCAGGTACCCCTCA
GCCACCACCCCACTGCTCCAGTTCACAGCCTGTGCAGAGTACCCTCCCATCATTGCGACCACCCCA
CAGCCTGTGAAGACAAAGAAAGGGTGAAGAGGAAAGCAGATACCACCACCCCAACCCATCGACCCCA
TTATGAGCCGCCCTCACTGGCCCCGGAGCCCAAGACCGCAAGCTGGGTCTCGGGGGAGAGCAGCAG
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CCTGGCCTTTCTACAAGCCCGTGGATGTGGAGGCACTGGGTCTGCACGACTACTGTGACATCATTAAACA
CCCCATGGACATGAGCACAATCAAGTCTAAACTAGAGTCCCGGGAGTACAGAGATGCCAGGAGTTTGGT
GCTGATGCCGATTGATGTTTTCAACTGCTACAAGTACAATCCCTGACCATGAAGTGGTAGCCATGG
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TACGGTGTCTCCCTGCAGTGCCACCCCTACAAGGTGGTAGCCCAACCCCTCATCTAGTGACAGCAGC
AGTGATGTTCCCTGACAGTGACAGTTCCACTGACGACTCTGAGGAAGAGCCAGCCAGCGGCTGCTG
AGCTCCAGGAGCAGCTCAAAGCCGTGCATGAGCAGCTTGCAGCCCTCTCACAGCCCAACAGAACAACC



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AAAGAAAAGGAGAAGGACAAGAAGGAAAAAGAAAAGGAAAAGCAGAAAAAGAAAGAAATGGAGGAA
 AATAAAAAAGCAAAGCCAAGGAACTTCCTCCCAAAAAGACAAAGAAAAATAACAGCAGCAACAGCAATG
 TGAGCAAGAAGGAACCAGCACCCACGAAGACCAAGCCGCTCCACATATGAATCAGAAGAAGAGGACAA
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 CTAGGCCGTGTAGTACACATAATTCAGTCGAGGGAACCATCACTTAAAACTCCAACCTGATGAGATTG
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 GAAGAAAAGGAAACCTCAAGCTGAAAAAGTTGATGTATTGCTGGTTCTTCCAAGATGAAGGGCTTCTCA
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 GCAGCCAGCCCCAGCTCCTGTGCCCCAGCAGCCGCCACCTCCACAGCAGCCTCCTCCACCCCCACCT
 CCTCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
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 CTGCTCCTCACCTGCCAGCCACCGGAGCACAGCACTCCACCCATCTCAACCAGCATGCTGTGGTCT
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 GTCCCAACCCCAACCCTTTGCCGCTCCACCCACCTTCTGTGCAGCAACAGCAGCTCCAGCAGCAG
 CCACCACCACCCCACTCCTCAGCCACAGCCACCACCCAGCAACAACACCAGCCCCACCACGACCAG
 TTCCTTGCCATCCATGCCCTTCTGTCTCACATTCAGCAGCCCCACCACCCACAGGACAGCAACCCAC
 CCACCCACCCCAAGGACAGCAGCCACCCACCCAGCCTGCCAAGCCTCAGCAAGTCTCCAGCATCAC
 CCTTACCCCGCACCACAAGTCAGACCCCTACTCAGCTGGTCATCTTCTGTAAGCCCTTCTCCGCTTA
 TGATACATTTCCCTCAAATGCCACAGTTCCAGAGCCTGACCCATCAGTCTCCACCCAGCAAAACGTCCA
 GCCAAGAAGCAGGTAAGGGCAGGGCTGAGCCACAGCCCCAGGGCAGTCATGGGCCGAGGCCAGGGA
 TGCCACCTGCCTCACCAGCTGCCGTACCTATGCTGTCCAGGAGCTGCGCCACCAGTCACTGTCAGC
 CCCAGCCCTGGTGTAGTGAAGGAGGAGAAGATCACTACCAATCATCCGCAGTGAGCCTTTTAGCAC
 CTCCTTCCGCCCAGAGCCGCCAAGCACCAGAGAATGAAGGCCCCAGTCCACCTGCCTCAGCGGCT
 GAGATGAAGCCTGTAGATGTAGGAGGCCTGTGATCCGGCCTCCAGAGCAGAGTGCACCCCAACAGGGG
 CCCCTGACAAGGACAAACAGAAACAGGAGCCAAAAACACCAGTGGCGCCAAAAAGGACCTGAAAATTA
 GAACATGGGCTCCTGGCCAGCCTGGTACAGAAGCATCCGACCACCCATCCTCCACAGCAAGTCTCA
 AGCGACAGCTTTGAGATTTCCGCGCGCTGCTCGGGAGAAGGAGGAGCGGGAAAAGGCCCTGAAGGCTC
 AGGCTGAGCAGCAGAGAAGGAGAAGGAGCGGCTGAGGCAGGAGCGCATGAGGAGCCGAGAGGATGAGGA
 TGCGCTGGAACAGGCACGTGAGCCATGAGGAGGCACGACGGCGCCAGGAGCAGCAGCAGCAGCAGCAG
 AGACAGGAGCAGCAGCAGCAGCAACAGCAGGCAGCTGCTGTGGCCGCTGCCTCCGCCCCCAGGCC
 AGAGCTCCAGCCCCAGTCTATGCTGGACCAGCAGAGGGAGTTGGCCGAAAGCGAGAACAGGAGCGGAG
 GCGAGGGAGGCAATGGCAGCTACAATTGACATGAATTTCCAGAGTGATCTTTGTCAATATTTGAAGAA
 AATCTTTTTTGA

ACGCGTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001100903

Insert Size: 4212 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_001100903.1</u> , <u>NP_001094373.1</u>
RefSeq Size:	7037 bp
RefSeq ORF:	4212 bp
Locus ID:	362844
Cytogenetics:	7q11