

Product datasheet for **MC205406**

Brd3 (NM_023336) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brd3 (NM_023336) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Brd3
Synonyms:	2410084F24Rik; AW060456; Fsrg2; ORFX; RINGL3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC031536
 CCCACGCGTCCGCCACGCGTCCGCGCCATCTTCCGAAGGGGACTGCCCGGAGGATGCGCGGCGCGGGAA
 GGTGCCTGATTGGGCCAGAAATGGGATGCCAAGCCTCCACGAGGAGCGCCTCTTTGAGCTGCTGCTGTG
 ACAGCAAGTGACTAAGCTGCCAGAGGATGTCCACTACAGCGGCTGCCCCACGGGGATCCCGGCAGTCCC
 GGGCCCGTGAACCTCCCCACCTGAGGTCTCCAACCCAGCAAGCCCGGGCGAAAGACTAACCAACTG
 CAGTACATGCAGAATGTAGTGGTGAAGACACTTGGAAACATCAGTTTGCCTGGCCTTTCTACCAGCCTG
 TGGATGCAATCAAGCTGAACCTGCCTGATTATCATAAAAATAAAAAAACCAATGGACATGGGGACTAT
 CAAGAAGAGACTAGAAAATAATTATTATTGGAGTGCCAGTGAGTGTATGCAGGACTTCAACACCATGTTT
 ACAAACCTGTTATATTTATAATAAGCCACAGATGATATAGTGCTAATGGCCAGGCCTTAGAGAAAATCT
 TTCTGCAGAAAGTGGCCAGATGCCTCAGGAGGAAGTTGAACTATTGCCCTGTCCAAAGGGCAAAGG
 CCGGAAGCCAGCTGCAGGAGCCAAAAATGCAGGTTCCCAACAAGTGGCAGCTGTGTCTTCGGTCTCCCA
 GCAACCCCTTCCAGAACATACCCCCACCGTGTCCAGACACCCGTATTGCCGCCACCCCTGTACCAA
 CCATCACTGCAAACGTCACGTAGTCCAGTCCCCCACCCTGCACCCGCTCCTCTGCGACACCCAT
 CGTCCCTGTGGTCCCTCCACACCGCTGTAGTCAAGAAAAAGGGCGTGAAGCGGAAAGCAGACACAACC
 ACACCCACAACATCTGCCATCACTGCCAGCCGGAGTGAGTCTCCCCGCCACTTTAGAGCCCAAGCAAG
 CCAAGGTAGTGGCCCGAAGGGAGAGCGGGGCCGCCATCAAACCTCCCAAGAAGGACCTGGAAGATGG
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 CGGGAGATGCTGTCCAAGAAGCATGCTGCCTATGCGTGGCCCTTTTACAAGCCAGTGAGCAGGAGGCGC
 TGGAGCTGCATGACTACCATGACATCATCAAGCACCCATGGACCTCAGCACGGTCAAAGGAAGATGGA
 TAGCCGAGAGTACCCAGATGCACAGGGCTTTGCTGCTGATATCCGGTTAATGTTCTCGAATTGTTATAAG
 TACAACCTCCAGACCAGAAAGTGGTGGCCATGGCCAGGAAGTCCAGGATGTGTTTGGATGAGGTTTG
 CCAAGATGCCCGATGAGCCATGGAGGCACCTGCGCTGCCGCTCCCACGGCCCCATCGTGAGCAAGGG
 GGCTGAGAGCAGCCGAGTAGTGAAGGAGCTCTCAGATTGAGGAGCTCAGACTCAGAAGGAGGAGCGA
 GCGACTCGGCTGGCTGAGCTGCAGGAGCAGCTGAAGGCCGTGCACGAACAGCTGGCTGCCTGTCTCAGG
 CCCCAGTGAACAAACCAAAGAAGAAAGAGAAGAAAGGAAAAGAAAAGAAAGAAAGACAAGGACAA
 AGACAAAGAGAAGGAGAAGCACAAGGCCAAGTCTGAGGAGGAGAAGAGGCAAGGCAGCCCCAGCAGCC
 AAGCAGGCCCAGCAGAAAAAGGCTCCCACCAAGAAGGCCAACAGCACAACCACAGCCAGCAGACAGCTCA
 AGAAGGGCGCAAGCAGGCATCTGCGTCTATGACTCAGAGGAAGAGGAGGAGGGCTGCCATGAGCTA
 TGATGAAAAGCGACAACCTAGCCTTGACATCAACCGCTGCCCGGCGAGAAGCTAGGGCGTGTGGTGCAC
 ATCATTAGTCTCGGGAGCCCTCGCTTCGGGACTCAAACCCAGACGAGATTGAGATTGACTTTGAGACCC
 TGAAGCCAACCAGCTGCGGGAAGTGGAGAGATATGTCAAGTCTTGTTTACAAAAAAGCAGAGGAAACC
 ATTGTCACAAGCGGGAAGAAGCAGGCAGCCAAATCGAAAAGAGGAGCTAGCTCAGGAGAAGAAAAAGGAG
 CTGGAGAAGCGGCTGCAGGATGTCAAGTGGACAACCTGAACAGCAAAAAACCCACTAAGAAAAGAAAGTCCG
 GCTCAGCTCCCTCAGGAGGCCATCAAGGCTCAGCAGTAGCAGCTCCTCTGAGTCTGCGAGCAGTAGCTC
 CAGTGGATCGAGCTCCGACAGCAGTGAAGTGAAGTGAAGTGGGACAGAGCTGGACAGATGGACG
 TGGTGCACGCCAACGCAAGTGTCCCTCCTATGGTTAATAATACTTTTCGTTCCATGGTGTGCAGGTTTTCTT
 TTACTTCAAGTGTATGATCTCTTCCAGCTGTGCTCCGGTAGGGCGGAGAGCCTCGCACGTGCACCAGACC
 CCATGAGAGGGCCGAGCTCTGCGAGGGGAAATGCCTTTGAGCTCCATTTAGTTGTTTGGAGACTGCTC
 CTGGGATGCTAACCTGATGGCCATAGACACGGTGGGCTGGAGGCGTGGCTGGACCTGCCAATCCTTCTC
 CAGGACCAGCCTCTCCCTTAGTAACCTGAAGGAAGCTTTGTAAGGGTGTCTCTGGAATGGGTTCTGTG
 TTTGAAAGCTGTTAGAACACTAACCCAGCAGGTTACTTCTCTCCGAGGGGCTGAAGACAGATGTGTGAGC
 CCATGGGAACCAGCCTGGGCCCTAGTGGAGGCTCCTGGTGTGAGTGCAGACCAGAGCCTCACACCTCTGGT
 TGGGTGTGGAGGAAGAGGGTACTGAGTTCCTGGTCTTTGGCTGTGTGTCAGCGTGCAGATTTCGGG
 ACACCGAAACTTTTACCTCAACTAAGGGAATAAAAAACAAACAAACAAAAAAGATTAAAAA
 AAAAAACAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023336
Insert Size: 2181 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:	BC031536 , AAH31536
RefSeq Size:	3033 bp
RefSeq ORF:	2181 bp
Locus ID:	67382
UniProt ID:	Q8K2F0
Cytogenetics:	2 A3
Gene Summary:	<p>Chromatin reader that recognizes and binds hyperacetylated chromatin and plays a role in the regulation of transcription, probably by chromatin remodeling and interaction with transcription factors (PubMed:21536911). Regulates transcription by promoting the binding of the transcription factor GATA1 to its targets (PubMed:21536911).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) has an alternate 5' UTR and lacks an internal coding exon, as compared to variant 1. The resulting isoform (2) lacks an internal segment, as compared to isoform 1.</p>