

## Product datasheet for **RN215120**

### **Brdt (NM\_001012031) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Brdt (NM_001012031) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brdt
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215120 representing NM_001012031 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGTCTCTGCCAAGTCGACAAATGGCTATTGTAAACCCCTCCACCAGGTACATAAATGCTAAGAAA  
CTGGGCGGTTGACCAACCAGCTGCAGTTCCTGCAGAGAGTCGTCCTGAAGGCGCTGTGAAACACAGTTT  
CTCCTGGCCGTTTCAACAGCCTGTGGATGCCGGAAGCTCAAGCTGCCTGACTATTACACCATCATAGAG  
ACGCCAATGGATTTAAGTACAATTAAGAAGCGGCTGGAACAGGTAACGAGAAAGGCTCCGAATGCG  
TGGGAGACTTCAACACGATGTTCTCAAAGTCTACTTATAACAACAAGCCTGGAGATGACATTGTGGTTAT  
GGCCCAAGCTCTGGAGAAGTTATTTATGCAGAAGCTGTCTCAGATGCCACAGGAAGAGCAGATTGTGGT  
GGCAAGGAGAGAATGAAGAAAGATATCCAACAAAAGACAGCCGTTTCTCTGCTAAGGAACAACTCCCT  
CCAAATCGGCAGAAAATGTGTTAAGCGACAAGAAATTCCTGCTGGGTTTCTGATGTCTGTCTCTCC  
CTTAAACATGGCACAAGAGGCTCCCCGACCTGCGACTCACAGACTGTGGTCAAATTACAAGGGTGTG  
AAGAGGAGGGCGGACACAACAACCTCCTACCACTCCTCAGCTAAAGCAAGTAGTGAATCCCCTCCGCCAC  
TGAGAGAAGCGAAGCCGCGAATGCGCCAGTGAAGGAAAACACAGTGAAGAGCGTCTGCCAGACTCTCA  
GCAGCAACACAGGTTTTAAAAACGGTCAAAGTAACGGAGCAGTTGAAGCACTGCAGCGAGATTCTAAA  
GAAATGCTTGCCAAGAAGCATCTGCCGTACGCATGGCCCTTCTACAACCTGTGGACGTGGATGCTTTGG  
GACTCCACAACACTACTATGACATTGTCAAAAACCCATGGATCTTGAACGATCAAGGTAATACTGCCTG  
A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001012031
Insert Size:	981 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001012031.2</a></u> , <u><a href="#">NP_001012031.1</a></u>
<b>RefSeq Size:</b>	1678 bp
<b>RefSeq ORF:</b>	981 bp
<b>Locus ID:</b>	305123
<b>Cytogenetics:</b>	14p22