

## Product datasheet for **RN210219**

### **Btbd7 (NM\_001108720) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Btbd7 (NM_001108720) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Btbd7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210219 representing NM\_001108720  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGTGCTAATGCATCTAACTATCCTCATTGTTCCCAAGGGTAGGGGAAATTCACAGGCCAGC  
 AGACTTTCATAGGAACATCTTCTATTCTCAGCAAGGCTATGGTTGTGAGTCAAAGTTGTATAGCCTTGA  
 CCACGGCCATGAAAAACCAAGACAAAAAAGAGAACCCTTGCCCTTCTACTCTCAAAAAGAAGTTC  
 ATTAACGTCGAAAACTAATAGATCGGCTGATCATGCGAAGCAGATGCGAGAACCCTGTCTGGGTGGG  
 ATGTTAGAGATGTCAATGCACTAGTGAAGAATATGAGGGGACTTCAGCCTTAAAGGAGCTTTCTCTGCA  
 AGCCAGTTGGCTAGACCAGAAGCTCGGACACTGCAGAAGGACATGGCTGACCTTATGAGTATAAGTAC  
 TGTACTGATGTGGACTTAATATTTCAAGAACTTGTTCCTGTTTCATCGTGCCATTTTGGCAGCCAGGT  
 GTCCATTTTTCAAACACTGCTATCTTCTCACCTGAGTATGGGGCAGAGATAAATGGATATCAGTAC  
 AGCTGGTATTGATATGCCATGTTTTCTGCCTTGTACTACTACCTTTATACAGGAGAATTTGGAATGGAG  
 GACTCAAGATTTGAGAATGTCGATATCCTTGTTCAGCTTGTGAAAGAATTTGGAACACCAAAATCCCTTG  
 ATGTAGATATGCGTGGACTCTTTGATTACATGTGTTATTATGATGTTGTCCTTAGTTTTCTTCAGATTC  
 TGAAGTAGTTGAAGCTTTTGGTGAAATTCAGAAGCTGTTTATGATGAAGAGCTCAAAGCCACAAGGCTATT  
 ATTTCTGCACGGTCCCATTTTTCCGAAATTTATTACAAGGAGAATACGGACTGGTGAAGAAATCACAG  
 ACCGAAGTTTGAAGCTCTACAAGAATTATATTAGATGAGTCCATTATACCAAAAAATATGCAAAAGT  
 GATATTACACTGTATGTATACCGATGTGGTGGACCTCTCTGTTTGCAGTGCAGCCCTCTGTGGGGAGT  
 CTCAGTGAAGTTCAAGCTCTCGTCGAGGGAAGCCAAACATGACCAGGGCAGAAGAAGCCATGGAGCTTT  
 ACCACATAGCCCTGTTCTTGAATTTAACATGCTTGACAAGGCTGTGAGGATATCATTGCTGAGAGCAT  
 CTCCTTAGAGACCTTAATTGCTATCCTCAAGTGGAGCTCACATCCGTATGGTTCTAAGTGGGTGCACCGA  
 CAAGCTTTGCATTTCTTTGTGAGGAATTATCCAGGTCATGACTTCAGATGTTTTTATGAACTCAGCA  
 AAGACCATCTGCTTACTGCTATCCAGTCTGACTACCTACAGGCAAGCGAACAAGATATCCTTAAATATCT  
 GATTAATGGGGTGAAGTATGATGATGAAGAGAATAGCAGACAGAGAGCCAAACCTCTGAGCGGCACT  
 GCACATAGTGTGAACAAAAGAGGTGTGAAGAGAAGAGACCTGGACATGGAAGAATCAGAGAGATCCTTT  
 CTTCTCTCTGCTTTTGTGCGAATTGAACACATCTTACCTATGAACAGTGAAGTCTTAAAGCATGCAAT  
 GAAAAGAGGCTTGATCAGTACACCCCATCAGATATGCTTCTACAACAGAAGGGGGAAATCAAATGCC  
 TGGCTTCGGCAAAAAATGCTGGCATATATGTTCTGCTCGGCTGTTTTCTCCGATGTGGAAGAAGCGA  
 AGTCGGTCTGGATGAGATGATGGTGGAGCAAACAGACCTGGTGCAGACTCCGAATGGTGCGAATGTCCAA  
 CGTTCCAGACACACTTTACATGGTCAGCAATGCCATGCCCCAGTGTGCCACATGATCAGCCACCAGCAG  
 ATCAGCAGTAACCAGTCAAGCCCTCCATCAGTTGTAGCCAATGAAATCCCAGTTCCTCGTCTCCTCATT  
 TGAAGGACATGGTGAAGCGCCTGCAGGAAGTGCAGCACACAGAGCAGGTGCAGAGAGCCTATGCACTGAA  
 CTGTGGGAAGGGCCACCCTGAGTATGAGATCCAGATCCGAGTGTGTCAGAGAGTTGGTCTTGCAGAT  
 GCTGCTGCAGAGCTCTGCAAGTCCACAGCCTGTGCTGAATGATCTGATGCCAGATATCGCCATGGGG  
 TGCTACATTGCTCAAGGACAGGAGGCTCCAGAGCTTGTGTCAGACACAGAATTATGCCAGACAGT  
 TTCCGAAGCAGGACCAGGCTCCCGCATCTCTCATGTATCCACAGAGACATACACACAGCTCTCGG  
 AAAAAACACACACTAGAGCAGAAACAGACGGTAGAGAAAAGTCAAGGAAATACCCAGATCTCTATGACT  
 TCCCAAATGCTGCTGCAGGCTTCCACTCCTGCTCCTGGCAGACGCACTCCTTCCCTTCTCGTGGTAG  
 ATATTTGGTCCGACTTGTACAGCCACAATAAGGCATACCAAAATGGCTTAAAGTCAAGTACCTACCT  
 GGTGAGACCTCTCCTAAAAAGCAGGAAGACACTAGGAGAGAATATCCACTTTCTCCTGATGGGCATCCAC  
 ATAAGCAGAAGAAGCAGCAATACGCTGGATGTTGTTGAGCAGCCTCCACAGAGCCAGACTTCCCTTC  
 AGCAGCCTCAGAAAATGCTAGTAATGGTCCAGCCATGTCAGGGCAGCAACTGCAGTAGAAACTGACTTG  
 ACTTTTGGGCTGACACCTAACAGACCTCCTTCCCATTCTGCATGTAGCTCTGAAGTCTCGAAGAGCGAT  
 CTAGTAGAAGACTGACAGACAGTGAAGTCCCTGGCCATGGAGCTCAGAGAAAATGCAGATCTGAAAAGGGA  
 CGATTCCATTAGCAGAGGGAGGAGGTGCGCAAGTAAACCAGACTTCTCTACAAAAGTCTGCCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001108720
<b>Insert Size:</b>	2940 bp
<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_001108720.1</a></u> , <u><a href="#">NP_001102190.1</a></u>
<b>RefSeq Size:</b>	4062 bp
<b>RefSeq ORF:</b>	2940 bp
<b>Locus ID:</b>	362772
<b>Cytogenetics:</b>	6q32