

## Product datasheet for **RN204054**

### **Bbs10 (NM\_001109286) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Bbs10 (NM_001109286) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bbs10
Synonyms:	RGD1560748
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN204054 representing NM\_001109286  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGTCCCAGGGTCTGTGACAGCGGCACTGCGGGTGGCTGAGGTGCTGGAACCATCGCGAACCGCT  
 GCGTGGGGCCCGAGGGCGCCTGGTGTGTGTACGAAGCCACCAGGCGAGGTGCTGCTTAGCAGGGATGG  
 AGGTTGCCTCCTGGAGGCGCTGCACTTAGAGCATCCCTTAGCCAGGATGATAGTGGCGTGTGTTCCAGT  
 CACCTTAAAAAACAGGAGATGGTCTAAAAACATTTATTATTTTTCTTTGCCATTTACTCAGAGGACTTC  
 ATGCAATCGGAGAAAAAGAAAAAGACTCATTCACTTCTGAAGATATTCAGAGCCATGAAAGGCATTGGAA  
 AAAGTCTGCCAGTGGAAATCTATTTCCCGGGCTCTGCTAAGTTCAGACACAAACGTTAGGTTGTATT  
 GTAGACCAACATTTAAGCAGGCACTACCTCTGCCTTTCTTCATCTGCTGAAGGAAGAACTGTGCA  
 GGGCTCTCTGGAGTTGCTCCTGGAACCATACTTTGTGGAAGAGTGGGAAGAAACAACCACAGATTCAT  
 TTCACAGTTGATGTGTGACTACGTTTTCAAGTGTATGGCTTGTGAAAGTGGGATTGAAGTATTTGAGTTT  
 TTGGACAACCTGTTTTGTGGAGTTGAATGTTGGCGTGACAGGCCTTCTGTTTCAGAGTCTAGAATTGTGG  
 ATGGCCTTGTGCTTCCCAGAGACTTTTTCTGTGACTGCCAGCAGATGGTGGCATTAGGATGGTGATAGT  
 AACCGAAATCCTCCAGCCTCTGTTTTATCGTCTAGCTCGGAATTTGTTCTCGACTCAGAAACACAGTTT  
 CAGGCATCTCAGAGTTGGATCATGGACAGGACAAAAACCGTAATGAACCACCTGCGTAGTCATAATGTAA  
 AACTGCTCCTGTCCAGTGTGAAGCAACCAGACCTAGTTACTTATTGTGCAAGACTAAATAGCATCTCAGT  
 GGTGGAGTGTATCATCTGAGGAAGTTTCTCTCGTCCAGAGGATCACCGGCTTTCTCCTTGTGCCTA  
 CCAGAGCTCGCTTACAGTGTACATTGCTGACAGTGTCTTGGTGGGTTTTGTAACCCCTCATCGTTA  
 GGTCCGGAAGGTATGCTCATCTCGGCTTGGTTAGCACGTGTGCATTCTGACCTCACTGTGTAGTCCTTTG  
 TGGACCAGTTCTGGGCTTGTTCACAGCATGAGAGTGTCTTCCATGGAGCCTTTAAGATGCTTCCGGCAG  
 CTGTTCACTGACCTCGATCTAAATTGCATGATACAGACAAAGAGCGACGTAACCCGAGCCCTTGTGCTG  
 ACAGCAGTAACAGAGAGAGCAGTCACTCACCCAAAACGGTAAGTATCAGGACGTAGTAGCAAAGAACA  
 AGATAAACTGGAACTCAAACACGTTTAGAAGTATATCCAGCTCTGGGGCTTCGGATACAGAATTGATA  
 ACATGTAAGCTGTGGTCAACACACAAGGAGACATCAATAGATCCATCCAAACAAATGAAATACCGAAGC  
 GCTTATCTCCAGAAAAAGTAGGATAGTTGATAACTGTGAAGTGTCTTGAATAATCCCACTGGAAA  
 TCCTACAGCAGAAGACTAGGACAGAAATGTCTTCAAACATTTACAGGTGCGAGATAATCCTGGAGAA  
 GGGTACACATTGCCAGTGACATACAAGTCCCAGATACCTGTCTTCCCAGGCTCACTGTTATCAGCTG  
 TACCAGCAGGCTGTGTTCTGCCCGTGGGTGGACATTTTGAGATTTTGATGCATTTCTACCTTCTCAACTA  
 CGCAAGCAATGCCGGAATCAGACGACGCTGTATCAGCATGTTAATAGCTAATGCTCTTCTAGGTGTC  
 CCTAAAATCCTTTATAAGCCCAAGAAGGAAAAGACAGTTTCCCACATATACACTCGGGCTCTCCGTG  
 CACTGCAAACCAGGCAACCCATAGTAAGTGGTCAGTCAGGCTTCGAGTCAGTAGCTGGTAAGTACCAATT  
 ACTAATTCAGTTCTTCAAGTGTGATGAAAATATTAACCATTGATTTAATAATCAACGTCAAGAGACAG  
 CCTCAGAAAACTGGTGACCAAGAATCAGAAGACGAAC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001109286

**Insert Size:** 2142 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).

<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>NM_001109286.1, NP_001102756.1</u>
<b>RefSeq Size:</b>	2667 bp
<b>RefSeq ORF:</b>	2142 bp
<b>Locus ID:</b>	500832
<b>Cytogenetics:</b>	7q22