

Product datasheet for **RN202267**

Bbx (NM_001079938) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bbx (NM_001079938) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bbx
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202267 representing NM_001079938
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAAAGGCAGTAATAGAAATAAAGATCATTACAGAGAAGGAGAAGGGCCGAAAAACGACCAAAACGGA
 AGTGTCTTCAGTGGCATCCGTTGCTAGCCAAGAACTTCTGGACTTTTCAGAAAGAGGAGGAAGACGA
 GGAAGAAGAAGATATTGATAAAGTTCAACTTGTGAGGCGGATGCGCTAGAGCAAGATGTTGGTGAGACT
 GAAGATGATGAGTCACCAGAGCAGCGAGCCCGAGACCAATGAATGCGTTTCTTTTATTTTGCAAGCGCC
 ATCGATCCCTTGTCCGACAGGAACACCAAGGCTTGATAACCGAGGTGCTACCAAGATACTAGTGAAGT
 GTGGGCTGTTCTTGATCCAAAGGAAAAGCAGAAATATACAGACATGGCCAAGGAGTATAAAGATGCATTT
 ATGAAAGCAAATCCTGGTACAGATGGTGCCCTACCACAAACAAGCCCGTGAAGTCGCCAACCCACTG
 TCAATCCACGGAAGAACTCTGGGCTTCCCATCTGACTCCTCAAGAGACTTGCCAACCGCTAAGAAGGC
 AAAGACAGAAGAAGTTCTCAGCTTAACCTTTGGAATGGCAGATCCTACTCAGATGGGAGGCTGAGCATG
 TTGCTGCTAGCTGGAGAACATGCTCTTGGAACGCCAGAGGCATCCTCTGGGACTTGACAGGCTGATATTT
 CAGAGTCACCTGAGTTGCGTCAGAAGTACCATTGTTTCAGTTTGCCGAGATATCCTCCAGGACATCCCA
 CCCCAGTGCTCCTTCAAAACAGTGTCAAGCATCAGCCTTGTTTCAGTTTGACAGAGATCTCTTCAAGCACT
 TCGCAGTTGGGTGGCACTGAGCCTGTGAAACGCTGTGGAATTTGCACTCTTTCAACTGGCAGAGATGT
 GCCTGGCGTCAGAGGGCGTAAAAATGGAAGGCACAGAGCTAACCAAGTCCAAAGACTCCGACGGAGGACG
 AATCGAGGAGATGGAAGGGGAAGGAAGAGCGAGACATGAAATGGAGAAAACCATGAACTGCGTTC
 CAGGCGGAAGCAGAAATTCGGAAGTCAGCAAAGGGCAACATCAGAGAGCCCAAGGACTTAAGAGACATTG
 AACAGCTACAGTCGGATAACGTAATGGCTATCAAAGTGAAGACCCCAAGACAGTAGAAAGGAGTCAGA
 CGACGATCAGAAATACAGCCACTTCCCTGATTTTCTTACTCTGCCAGTAGCAAGATAAATTAGTGAT
 GTCCCCAGTAGAAAGGACCACATGTGCCACCCTCACGGAATCATGATTATTGAGGACCCCACTGCACTAA
 ACAAACAGAAAAGATAAAAAAGAAGAAGAAAAACAACTGGATCGACATGGAACGACAGGTCCAC
 CCCCAGAAGGCCTGCAAGAAGAGGCAGTCTTCAGAGTCGGACATCGAGAGTGTATGTACACCATCGAA
 GCGGTAGCGAAGGGGAGACTGGGGTGCTGACAGACTCGGAGAAACCCCAAGAAAGAAAGTCCGCACCTCCT
 CAAGTGGAAGGGGGGCAATTTTGGATGCCAAGCCACCAAGAAAAAGTGAATCCAAGGAGAAGAAGGT
 TTCCAAGGAGAAGTGCTCAGACATCACCAAGAGTCTCGACCTCCAGATTTCTTAACTTTCTGCCAGC
 AAGAGTGTTCCTGGGAGGTGCCAGAGAGCATGAAAGCAGAACCTTGACGCTACAGAGGATGCACTGC
 CACCTAGCCTACCAGGACAGGCTAAGCCTGAGGACAGTACTGCCACAGAAAAACGGAGACCTGTGGCTC
 CAGGAAATCTGAGAGGTCTTGCAAAGGTGCTCTTTATAAAACCTGGTGTCCGAGGGCATGCTCACCTCC
 CTGCGAGCTAATGTTGACAGAGGGAACGAAGCTCAGGAAAAGGAACTCCTCTGATCATGAAGGTGTT
 GGAGTGAAGAGAGCTGGACATTTAATCAGAGTGGGACAGTGAAGCAAGAAGTTTAAAAAGAAGCTAAG
 GGAAGACTCCTTCCTTGTTCTGCAAAGCTGGATGAGGAATTTGAAAAGAAATCAACAGCCTCCCTCAA
 TATAGTCCTATTACATTTGACCGAAATGTGTATCTATTCCAAGGAAAAAGAAGACTGGAAACATGT
 CCTCAGAATCGACTAAAGCCAGCAAAGGAAGTGGGATAAATGGTCACACAAGCAATTTTCTTGGATGC
 CATTACCCCTACAGAAGCCATATTTTCAGAAGATAAAAAACCCACAGAGCCTGCTTATAAAGTTAAAAAT
 GCCCTATCCATTCCCAACTCCAGAGCCAACAGCAATGCAAGAACCCTTGGTGGGCAGCCAAAAGAGAA
 AAGCAAGGAAAACCAAGATCACACACCTTGTGAGGACTGCAGATGGCCGAGTCTACCAGCAGGAGGTAC
 ACTGGATGACAAACCAAGGAGCAGCTGCAGAGGCGTCTCCCAAGTCCCCGAGACATTCTGCGGTGAT
 AATTGCTCACACACTACGGTTGAGGAGCCACGGAGCAGTACTCCAGAAATGCCTGCTGTCTGCATTCT
 TTAGTCTCGTGCAGTGGCTGAGGTTGCAGCCATGGAGAATGTGCACAGAGGTGAGAGTCAACTCAACT
 CACCCATGATGGACAGCCAAAAGAAATGCCGAGGCTCCTGTACTTATTCTTGCCTGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001079938

Insert Size:	2727 bp
OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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:	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_001079938.1, NP_001073407.1</u>
RefSeq Size:	2991 bp
RefSeq ORF:	2727 bp
Locus ID:	303970
Cytogenetics:	11q21