

Product datasheet for **MC222530**

Bbx (NM_027444) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bbx (NM_027444) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bbx
Synonyms:	5530401J07Rik; 5730403O13Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222530 representing NM_027444
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAAGGCAGTAATAGAAATAAAGACCATTCAACAGAAGGAGAAGGGGACGGAACGACCAAAACGGA
 AGTGTCTTCAGTGGCATCCGTTGCTAGCTAAGAACTTCTGGACTTTTCAGAGGAGGAGGAAGACGA
 GGAAGAGGAAGATATTGATAAAGTTCAACTTCTTGAGGCGGATGGCCTAGAGCAAGATGTTGCTGAGACT
 GAAGATGATGAGTCACCTGAGCAGCGAGCCCGAGACCAATGAATGCATTTCTTTATTTTGCAAGCGCC
 ACCGCTCCCTTGTCGACAGGAACACCAAGGCTTGATAACCGAGGTGCTACCAAGATACTAGCTGATTG
 GTGGGCTGTTCTTGATCCTAAGGAAAAGCAGAAATATACAGACATGGCCAAGGAGTATAAAGATGCATTT
 ATGAAAGCAAATCCTGGTACAGATGGTGCCCTACCACAAACAAGCCTGTGAAATCGCCAACACCCACTG
 TCAATCCACGGAAGAACTTTGGGCTTCCACCTGACTCTTCAAGAGACTTGCCAACCCCAAGAAGGC
 AAAGACAGAAGTTCCTCAGCTCACTTTGGAATGGCAGATCCTACTCAGATGGGGGGCCTGAGCATGTTG
 CTGCTAGCTGGAGAGCAGCTCTTGGGACACCAGAGGCATCCTCTGGGACTTGACAGGCCTGATATTTGAG
 AATCACCTGAGTTGCGTCAGAAGTCACCATTTGTTTCAGTTTGGCAGATATCTTCAAGGACATCGCACCC
 CGATGCGCCTTCAAAACAGTGTCAAGCGTCAGCCTTGTTCAGTTTGCAGAGATCTCTTCAAGCACTTCG
 CAGTTGGTGGCACTGAGCCTGTGAAACGCTGTGGAATTTCTGCACTCTTCAACTGGCAGAGATGTGTC
 TGGCATCAGAGGGGTGAAAATGGAAGACACAACTAATAAAATCAAAAGAGTCAGATGGAGGAAGAAT
 TGAGGAAATAGAAAGGGGAAGGAAGAGAGAGGACAGAGAGTGGAGAAAACCACTGAACTTCGTCCAG
 AAGGAAGCAGAATTTGGGAAGTCAGCTAAGGGCAACGTGAGAGAGTCTAAGGACTTAAGAGACATCGAAC
 AGCTACAGATGGATAATGTATGGCTATCAAAGTGAAGACCCCAAGAAATAGGAAGGAGCCAGAGGA
 TGATCAGAAATACAGTCACTTCCCTGATTTTCTTACTCTGCCAGTAGCAAGATAATAATTAGTGGTGTC
 CCCAGTAGAAAGGACCACATGTGCCATCCTCACGGAATTATGATCATTGAGGACCAACACGCTAAACA
 AACCAGAGAAGATAAAGAAGAAAAAGAAGAAAAACAACTGGATCGACACGGAATGACAAATCCACACC
 CAAGAAGACGTGCAAGAAGAGGCAGTCTTCAGAATCTGACATCGAGAGTGTATGTACACCATCGAAGCT
 GTGGCAAAAGGAGACTGGGTGTTGACAACTCGGAGAAACCCCAAGAAAGAAAGTCCGCCCTCTCAA
 GTGGCAAGGGAGGCATTTTGGATGCCAAGCCACCAAGAAAAAAGTGAATCCAAGGAGAAGAAAGTTTC
 CAAGGAGAAGTGCTCAGACATCACCAAGAGTCTCGACCTCCAGATTTCTTAGCATTTCTGCCAGCAAG
 AGTGTCTCTGGGAGGTGCCAGAGGGCATAAAGCAGAACCTTGACCCCTACCGAGGATGCACTGCCAC
 CTAGCCTACCAGGACAGGCTAAGCCTGAGGATAGTGATTGTACAGAAAAACGGAGACCTGTGGCTCCAG
 GAAATCTGAGAGGTCTTGCAAAGGTGCTCTTTATAAAACCTGGTGTCCGAGGGCATGCTCACCTCTCTC
 CGAGCTAATGTTGACAGAGGGAACGAAGCTCAGGAAAAGGAACTCCTCTGATCATGAAGGGTGTGGGA
 GTGAAGAGAGCTGGACATTTAATCAGAGTGGGACCAAGTGGGAGCAAGAAGTTTAAGAAGAACTAAGGGA
 AGACTCCTTCTTGTTCTGCGAAGCTGGATGAAGAAATTTGAAAAGAAATTAACAGCCTCCCTCAATAT
 AGTCCTATTACATTTGACCGGAAATGCGTATCTACTCCAAGAAAAAGAAGAACTGGAACATGTCCT
 CAGAATCGACTAAACAGCAAGGAAGTGGGGATAAATGGTACACAAGCAATTTTCTTGATGCCAT
 TCACCTACAGAAGCCATATTTCCGAAGATAAAGCACCACAGAGCCTGCTTTTAAGGTTAAAAATGCC
 CTATCCATTCCCAACACTCCAGAGCCAACAACAATGCAAGAACCTTTGGTTGGCAGCCAAAAGAGAAAAAG
 CAAGGAAAACCAAGATCACACACCTTGTCAGGACTGCAGATGGCCGAGTATCACAGCAGGAGGTACTTT
 GGATGACAAACCAAGGAGCAACTGCAGAGGAGTCTCCCAAGTCCCTGGGACATACTGCGGTGACAAT
 TGCTCACACAGCACGTTGAGGAGCCACGGAGCAGCACTCCAGACATGCCTGCTGTGCTGCTGCTTCTCA
 GCCTCGCTGCACTGGCTGAGGTTGCGGCCATGGAGAATGTGCACAGAGGCCAGAGATCAACTCCGCTCAC
 CCATGATGGACAGCCAAAAGAAATGCCGAGGCTCCTGTACTTATTTCTGTGCTGACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027444

Insert Size:	2724 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_027444.3, NP_081720.2</u>
RefSeq Size:	8742 bp
RefSeq ORF:	2724 bp
Locus ID:	70508
UniProt ID:	<u>Q8VBW5</u>
Cytogenetics:	16 B5
Gene Summary:	Transcription factor that is necessary for cell cycle progression from G1 to S phase. [UniProtKB/Swiss-Prot Function]