

Product datasheet for **RN212283**

Cbx2 (NM_001107071) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbx2 (NM_001107071) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cbx2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212283 representing NM_001107071
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGCTGAGCAGCGTGGGCGAGCAGGTCTTCGCCGCCGAGTGCATCCTGAGCAAGAGGCTCCGCA
 AGGGCAAGCTGGAGTACCTGGTCAAGTGGCGCGGCTGGTCTCCAACACAAACAGCTGGGAGCCGAAGA
 GAACATCTTGACCCGAGGCTGCTCCTGGCCTTCCAGAAGAAGGAACATGAGAAGGAGGTGCAGAACCGG
 AAAAGAGGCAAGAGGCCAGGGGCGAGGCAAGGAAGCACACAGTCATGTCTCCTGCAGCCGGCGCTCCA
 AGCTCAAGGAACAGATGCACCGTCCAAGTCCAATCCAGCAGTTCATCCTCTTCTCCACATCTTCTC
 CTCTTCTCAGATGAAGAAGAAGAAGACGACGACAGTGCACCTGGACTCCAAGAGGGGATCCCGGGGC
 CGTGAAACCCACCGGTCCCTCAGAAAAAGCCAGATCCTGGTAGCCAAGCCAGAGCTGAAGGATCCCA
 TCCGAAAGAAGCGCGGACGCAAGCCTTACCCCGGAACAGAAGGCAGCTCGGAGACCGGTAAGCCTGGC
 CAAGGTGCTAAAGACCACCAGGAAGGACCTGGTGACCTCAGCCCCAAGCTGCCCTCCACTCAGTGCT
 CCTGTGGCAGGCTGGCTGCCTTGAAAGCCACACCAAAGAGGCTGTGGCGGCCCCAGCACTATGGCAA
 CCCAGAGAACCTGGCCAGTCTGATGAAAGGCATGGCCGGGAGCCCCAGCCGAGGCGGCATCAGCTGGCA
 GAGTTCTATCGTACACTACATGAACCGCATGAGCCAGAGTCAGGCTCAGGCCGCCAGCCGGCTGGCGCTC
 AAGGCCAGGCTGCCAACAGTGACGCCTCGGGCCGACTGAAAGTGGGACGACAGAAAGGGGAGCTAG
 GGGTGAACCCCGAGGAAGCAAGGTTCCCAAGGCCCTGGCAGTGTGCTGCAGAGCAGCAGAGAGGGAA
 TAATTCGGGGAGTCCAGGTTCCAGCTGCCACCACTCAGGAGTTGAGCCTTCAGTCTTACTTACAG
 AGCGTCAAGAACGGTGTGCCCGGTGTGGCCTGCCTGCTGCCATGCCACAGCCACCAAGGCTATTCTG
 CCACCAACACAGCCACGGGAAAGTCTTGGGAGCGGCCCCACAGGAGTAAACGTGACCAACGCTCCAC
 AGACACCAGCAAAGGGGAAAAACTGACTTGCAAGACAGCGGCTCTGCCTGCCCTTCTGTCAAGAGGGAC
 GCCGCTAAAAGCATTGCTGCCTCTGGTGGGAGGAGGGCCACACAGTCCCGGAGAAGGTGAGAAGCCAC
 CTGCACTGTGTGAAGTGAAGCAGGAGAGGAGAGACAGCAGTTCTGACTCAGACCCGACTCATCCTCGCT
 GCCTAGTGTGGGAGAACCTGTCGGTAGCTGTCCAGACCAGCCAGGACTGGAAACCTACCCGAAGTCTC
 ATCGAGCAGTCTTCGTACGGATGTCACAGCCAACTCATCACTGTACCCTGAAGGAGTCCCCACCA
 GTGTGGGCTTCTCAACTGAAGCATTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107071

Insert Size: 1572 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.

RefSeq: [NM_001107071.1](#), [NP_001100541.1](#)

RefSeq Size: 3750 bp

RefSeq ORF: 1572 bp

Locus ID: 303730

Cytogenetics: 10q32.3