

## Product datasheet for MC204062

### Cbx2 (NM\_007623) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cbx2 (NM_007623) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cbx2
Synonyms:	M33; MOD2; pc
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC035199

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GGCGGGGCGCGGGGGGGCGGCGCTTTGTGTGCAGCAGTGAGCCGGGGTCTGCGGGGCGCGGGCCGCGG
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CACATGTGTGTAGTGCGCCAGCGGAGCCCACTGGAGCAGCGCCATTGCTCTGAGTCAAGTTCTCGTG
TTTACCGATAAATAAAGTAGTTGGTTTTTAAAAAAAAAAAAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_007623
- Insert Size:** 1560 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:** [BC035199](#), [AAH35199](#)

RefSeq Size: 3754 bp

RefSeq ORF: 1560 bp

Locus ID: 12416

UniProt ID: [P30658](#)

Cytogenetics: 11 83.33 cM

**Gene Summary:** This gene encodes a component of the polycomb multiprotein complex, which is required to maintain the transcriptionally repressive state of many genes throughout development via chromatin remodeling and modification of histones. Disruption of this gene in results in male-to-female gonadal sex reversal. [provided by RefSeq, Sep 2015]