

Product datasheet for **MR208323**

Cbx2 (NM_007623) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cbx2 (NM_007623) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cbx2
Synonyms:	M33; MOD2; pc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208323 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGCTGAGCAGCGTGGGCGAGCAGGTCTTCGCCGCCGAGTGCATCCTGAGCAAGCGGCTCCGCA
 AGGGCAAGCTGGAGTACCTGGTCAAGTGGCGCGGCTGGTCTCCAACACAAACAGCTGGGAGCCAGAAGA
 GAACATTTTGGACCCGAGGCTGCTCCTAGCCTTCCAGAAGAAGGAACATGAGAAGGAGGTTCCAGAACCGG
 AAGAGAGGCAAGAGACCCAGGGGAGGCGGAGGAAACACACAGTACATCCTCCTGCAGCCGGCGTCCA
 AGCTCAAGGAACAGATGCGCCATCCAATCCAATCCAGCAGTTCGTCCTTCTCCTCCACATCTTCTC
 CTCTTCTCGGACGAAGAGGAAGACGACAGCGACCTAGACTCCAAGAGAGGCCCGGGGCGTGA
 AACCATCCAGTGCCTCAGAAAAAGCCAGATCCTGGTAGCCAAGCCAGAGCTGAAGGATCCCATTAGAAAGA
 AACGGGGACGCAAGCCTCTACCCCAAGACAGAAGGCAGCTCGGAGACCCGTGAGCTGGCAAGGTGCT
 AAAGACCACAGGAAGGATCTGGGGACCTCAGCCGCAAGCTGCCCTCCACTCAGCGTCCGGTGGCA
 GGCTGGCTGCCCTGAAGGCCACACCAAGAGGCCTGTGGTGGCCCCAGCACTATGGCGACCCAGAGA
 ACCTGGCCAGTCTGATGAAAGGCATGGCCGGGAGCCCCAGCAGAGGCGGCATCTGGCAGAGCTCCATCGT
 AACTACATGAACCGCATGAGCCAGAGTCAAGTTCAGGCTGCCAGCCGACTGGCACTCAAGGCCAGGCC
 ACCAACAGTGGGCTCTCGGGCTAGACCTGAAAGTGAGGACGCAGAAAGGGGGTGAAGTGGGGGAGCC
 CCGCAGGAGGCAAGTCCCGAAGGCCCGGTGGCGGAGCTGCAGAGCAGCAGAGAGGGAACCATTCGGG
 GAGCCAGGTGCTCAGCTGGCACCCACTCAGGAGTTGAGCCTTCAGTCTTGACTTGCAAAGCGTCAAG
 AACGGTGTGCCTGGTGTGGGCTGCTTGCCTGCCATGCCCAAGGCAAGGCTATTCCTGCTACCAACCCAG
 CCACAGGAAAGGCTCCTGGGAGCGGCCACAGGAGCAACATGACCAACGCTCCACAGCAACAGCA
 AGGGGAAAAGCTGACTTGCAAGGCAACGGCTCTGCCTGCCCTCCGTCAGCGGACACCGTTAAAGC
 GTCGCTGCCTCCGGCGGCGAGGAGGCCACACAGCCCCGGGAGAAGGCCAAAGCCACTGCGCTGTCTG
 AGCTGAGCACGGGAGAGGAGAATAGTAGCTCTGACTCGGACCCTGACTCGACCTCGCTTCCAGTGTCTG
 GCAGAACCTATCTGTAGCTATCCAGACCAGCCAGGACTGGAAACCTACCCGCACTCATCGAACACGTC
 TTTGTCACGGATGTCACAGCCAACCTCATCACTGTACCCTGAAGGAGTCGCCACCAGCGTGGGCTTCT
 TCAACTTGAGGCATTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208323 protein sequence
 Red=Cloning site Green=Tags(s)

MEELSSVGEQVFAAECILSKRLRKGKLEYLVKWRGWSSKHNSWEPEENILDPRLLLLAFQKKEHEKEVQNR
 KRGKRPRGRPRKHTVTSSCSRRSKLKEPDAPSKSKSSSSSSSTSSSSSDEEEDSDLDKRGPRGRET
 HPVPQKKAQILVAKPELKDPIRKKRGRKPLPPEQKAARRPVSLAKVLKTRKDLGTSAAKLPPPLSAPVA
 GLAALKAHTKEACGGPSTMATPENLASLMKGMAGSPSRGGIWQSSIVHYMNRMSQSQVQAASRLALKAQA
 TNKCGLLDLKVRTQKGGELGGSPAGGKVPKAPGGGAAEQQRGNHSGSPGALPTQELSLQVLDLQSVK
 NGVPGVGLLARHAPAKAIPATNPATGKPGSGPTGANMTNAPTDNNKGEKLTCKATALPAPSVKRDVKS
 VAASGGQEGHTAPGEGRPALSELSTGEENSSSDSDPDSTSLPSAAQNLVVAIQTSQDWKPTRSLIEHV
 FVTDVTANLITVTKESPTSVGFFNLRHY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

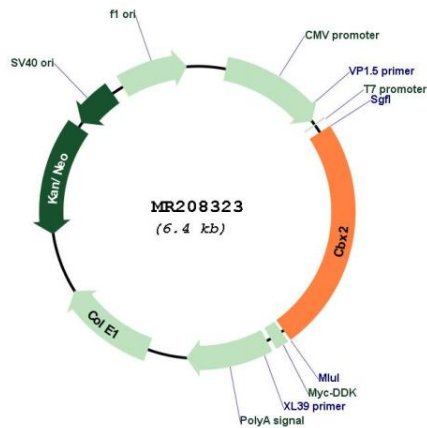
Sgfl-MluI

Cytogenetics: 11 83.33 cM

MW: 54.9 kDa

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]

Product images:



Circular map for MR208323