

## Product datasheet for **SC217290**

### **CBX6 (NM\_014292) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CBX6 (NM_014292) Human 3' UTR Clone
Symbol:	CBX6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014292
Insert Size:	2000 bp



[View online »](#)

**Insert Sequence:**

>SC217290 3'UTR clone of NM\_014292

The sequence shown below is from the reference sequence of NM\_014292. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCGGTGGCAGCATTGGGGCGAGCAAGTAGGGGGCTCCACCAAGGAGGGGGCTTGGGGGGCCCTCC
TGCCCGAAGTCATACTCTTGCTCCACCCACCCTTGCCCCAGCCCTCTCTCCCTGTGCTTTGCTTGT
CTCAAATGGCTCGGTGTTGACCCAGGGATGGGGCTGGGTAGTTGGGGTCCAGAAAGCCGGGGTAGGG
GCCACCCTGGAATGGGGCAGGGGAAGGGCACACCCCTGCCATGCATGGTAGCCACTGGGTGGTTTC
TGGAAAGCCCTAGAACTAGGGTTCCTCTGCCCTTCCACATCCACCTGTCTCTAGCTTGTCTCCT
GCTCTCCTGTGCGCGTCTGATTCTCGGTGCTAACCTGGCAGCTGTGGGGCCCTTAGGAGCCCCCAC
CGAGGGTGGACACAGTCCCTTTCCTTCCGATGCCTAGGCAGGAGGAGGGCTTCTGCCTGTTTGG
CAAAGTCCAGGCAGAGGCCAAGGATGAGGCCTGACTCGGCTCCTCCCTCCACATCAGCCAGGGCATCA
GAAGTTGGGCCAGGGCGGGTCTTCCCTGCTCGATTTTGACGAGGCCTAAGTAGACCCCTATGCCT
GCCCCAGCCCTGGCTCTTTCCTAACCCCTCAACGGTGGGAGGAACTGGCAGAGGGTGGCCCTGGCCAC
AGCCTCCCCGCATCTAAAGGCCCTTCAAGTCTTGACCAAAGGTGCTACGAGAACCTGCCGTGAAACT
TCCAGTTGTGCGTCTGCCCACTCGCTGTGTTTGTCCGTGGGTTACATACATGCATTGGGTGCTAGGCC
CAGGCTGCCGGTGGCACCCCTTACAGTTCCTTGAACAGGGGCATTGAAGGCCTGGACTGCCTCTCGC
CTCAGTAGGCCTGGGACAGGCTTGGGTCTGGAGTTTGTGTGGAAGTACCAGGCCTCCCCTCTG
GCCAGGTGTGCTGGGGCACCGTGGCCCCACCCCTGCCCTCCTCAGGTGGTCCAGCCAACTGT
CGGACTTCACTTACATCATGGTGGGACCGAGATAGAGAGGGAGACCCATTCCAAGCTCCCTCTT
CTCCGGGTGTTTGGGAGGATGCTGAAGAATCCATTCCGAGGGCTCCCGGCTTGTCCAGCCCTCT
TTTGCTTCTGACCACGGAGGCTTCTCACAGCCAGCCTGCCTGAAGCAAAGGAGCTCCCGTGTCTG
GGCAGTCTGTTCCTCTGCTGCCTGGGAGCTGAGGCACCCGTGCCAGTGGCAGAGGCCACAGCCCC
AGCCTTAGGCCAGGCCCTGGGAGGGCAGGCAGGCAAAAGGGGAGACCAGAGGGTCTGTGTTCTCAGGAG
AATGAGGGTGTGGTCCCAGAATTGGGACCGGGGCCCCGTGCCAGCCCTGGGCCACTTCCCGGTCT
CCATTGTGCGTGGGTGGCGTGTCCAGGCGTGGCTGGAGCTGGCTTCTGGCTGTGCTGCCATGGGCC
CTCCCTCAGAAGCACGTTGGCAGGAGCCGATCAGAACCCTAGCGCTTTGGTCTAAGAATGGGAGGC
TGCTTCTTCCCAATCTCCCTGCCAGGGCCCACAGCGTGGCCCTAGCCCTCCCCTCCCGGATGTAG
AACGGGGACCCTCGCAGGTTGGGGCGGGGCTGATACTCCTCGGCCCTCCCTACCCTGCCTGTGTG
TTGGCTTTGTGGCCGTCCAAGTGCCAATTGGCTTTTCGCCAAATAAGGGCTGGTATTTCTCCTCTGTC
CTTGGAGGTGATTTCCCTGACCCCTCCCCAGGTGAGTGACCACCTGGGTGCCAGTTACAGGTGTT
TCCAGAGACCATAGAAATGTGTTTTCTGAGAGTTCGTGTCATTTCGTGACTTTTTTGTAAAGAAGTTGT
GTTTTAGAGGTGATTTATGACAGGAAAGTAAAAGAATTAGTTTTGCAAAAAACAAAAACAAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**Restriction Sites:**

Sgfl-MluI

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:**

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:**

[NM\\_014292.5](#)

**Summary:** Component of a Polycomb group (PcG) multiprotein PRC1-like complex, a complex class required to maintain the transcriptionally repressive state of many genes, including Hox genes, throughout development (PubMed:21282530). PcG PRC1 complex acts via chromatin remodeling and modification of histones; it mediates monoubiquitination of histone H2A 'Lys-119', rendering chromatin heritably changed in its expressibility. Possibly contributes to the target selectivity of the PRC1 complex by binding specific regions of chromatin (PubMed:18927235). Recruitment to chromatin might occur in an H3K27me3-independent fashion (By similarity). May have a PRC1-independent function in embryonic stem cells (By similarity).[UniProtKB/Swiss-Prot Function]

**Locus ID:** 23466

**MW:** 70.5