

Product datasheet for **SC214415**

CBX1 (NM_001127228) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CBX1 (NM_001127228) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CBX1
Synonyms:	CBX; HP1-BETA; HP1Hs-beta; HP1Hsbeta; M31; MOD1; p25beta
ACCN:	NM_001127228
Insert Size:	1406 bp



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Insert Sequence:	<p>>SC214415 3'UTR clone of NM_001127228 The sequence shown below is from the reference sequence of NM_001127228. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GATGATGACAAAAAGATGACAAGAACTACGCTCCTGAGTACCAGCCCCTGTCACATCTGACTGTGGG TTTCAAGTGGAAAGGGAAGGAGTTCTACTTGTCTTGACACCATAGAGGTGGCTTGAGAAGATGTCCTTT GAAGAGCCAGTATAGTTTCTGTGCCCTGCAGCAGCCCAAGTGCTTTAAAGCCGTTTCAAGCTGTATAGT TTGCACACCCATCCCAGTGGAGGGGAAAGGGGATAAGTGTTCAGGCAACCTTTTCTGCACTTTGCTG CGAAAAGCAAAGGGCCTTCTATGAAGGACAAAACCTTGCAGAAATGGGTGTGTGGGAGAGCAAAAAATA CTGTAGATCTTCAAAGAGCATCTCCACAACCCACAGCCTTCTTCCCAATAGTGTTAACTCTGCATTTTT ACAGCGTAGCATGTGTGTAGTTTTGGCTATTACTGGTGTATTATTTGGGGGAGGGAGGGATGGGGAGG GGAGAAAGGGAGATGGGTAGCATCATTTTGATTAACTTTGGGGCCTGATAGGGGAAATGGTGAAGCAA TGGAAAAGAACAGACAACATAATGATTTGCTTCTATGTCCAGAATATTTACCTTTAAAAAATGTCATT GGCACCATAAATAAGGACTGTGAGAGACTGTTTAAAAGCTGTGAAAGTCTGAAACCTATAAGCCAAGGT GTTCCCTGCCTAACTTATTGCTGTTCCCAAAAGGACTAAGCCTGTTTATAAGTTACCAAAGTTGCCA TTTTGGAGATGGAATTGACGAGGAGGGAAGGTCTTTTATTGGAGAGTATACAGTACAAGCAGATCATT CTGCCTTAGAGGTGCTAATTCGGAAATAGAAAGACCCTTTCTTTCCAGTAACGAAGTTATAAATATC AGCTTGTTCATCCAAGCCACTGGCTGAGGTGTTAGGAAGAGGAAGAGGGTGGTAGAGGAGTAAGACAG TAGGGAAAGACAAGGGCCCATGCTCTTAGTGGGAAAACCTTTGGAGCCGTTTACTTTGAGCTTTGAAC ACTGAAACCATTTGTTGGCAGGTTTCAGTCACTGACAGCACAAGTTTCACTGAATTGATCCAAGGTTTA GTGATTTCAAAGCCTTGGTCTCAGGAGAAGATTAACCTTTCATATTGGGCAGTGGTTCACCTTTAAAC ACACACATACACACAAAAACAATTTTTAAGAAATCCTAATAAGTAACATACCCAAAATGCTCTGTCT TGAGTCATGAGAACCATCAGTTCTTGATATTGTCTAGACTTGCATCTAGAGCTACGTTGTAATAATCCTT TTAGGCATGTGTAGATTTCTGTGTAACCTTTGTTTAAATGTAAACTTCATACTACATTGTCAGTTTTT GTCTTAATAAAACTATAGATTTATAA ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCCTTCTATGAAAGG</pre>
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:	<u>NM_001127228.2</u>

Summary:

This gene encodes a highly conserved nonhistone protein, which is a member of the heterochromatin protein family. The protein is enriched in the heterochromatin and associated with centromeres. The protein has a single N-terminal chromodomain which can bind to histone proteins via methylated lysine residues, and a C-terminal chromo shadow-domain (CSD) which is responsible for the homodimerization and interaction with a number of chromatin-associated nonhistone proteins. The protein may play an important role in the epigenetic control of chromatin structure and gene expression. Several related pseudogenes are located on chromosomes 1, 3, and X. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

Locus ID:

10951

MW:

53.2