

## Product datasheet for **SC210432**

### **CENPB (NM\_001810) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CENPB (NM_001810) Human 3' UTR Clone
Symbol:	CENPB
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001810
Insert Size:	838 bp
Insert Sequence:	>SC210432 3' UTR clone of NM_001810 The sequence shown below is from the reference sequence of NM_001810. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Red</b> =Cloning site <b>Blue</b> =Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

AGTTCGAGGTCTTGGACATCAAAGCTAGTCACTGGACCTAGCTGTGCCCCCAACCTAGATTGGCAGCAC  
CACCCAGGGCAGAGGACTCTCTGGGCACCCGCTGTGCATGGAGCCAGAGTGCAGAGCCCAGATCCTTT  
AGTAATGCTTCCCCTGGTCTGCAACAGGCCCGGTCACCTCGGCCGGCCGGGGCTGAGGTCAGCCTCA  
CTGCCTGCTTATTGCCTCTTTCTCAGAATCCTCTTCCCTCCCAATTTGGCCCTGGGCTCAGGGGACCAGG  
TGGGGCGGTGGGAGCTGTCCGGTGTACCACACCGTGCCCTCAGTGGACTAACCACAGCAGCAGCCAG  
GGATGGGCCCTGGAGGTTCCCGGCCGAGAGTGCCTCTCCCTCTGCCATCCACGTCAGGCTTTTGGTGG  
GGGACCCCAAAGCCATTCTGGGAAGGGCTCCAGAAGAAGGTCCAGCCTAGGCCCCCTGCAAGGCTGGCA  
GCCCCACCCCAACCCAGGCCGCTTGAGAAGCACAGTTAACTCACTGCGGGCTCCTGAGCCTGCT  
TCTGCCTGCTTCCACCTCCCCAGTCCCTTTCTCTGGCCCTGTCCATGTGACTTTGGCCCTTGGTTTTCT  
TTCCAGATTGGAGGTTTCCAAGAGGCCCCACCGTGAAGTAACCAAGGGCGCTTCTTGTGGGACGCT  
GCAGGCCCATGCCTCTCCTCCCTCTCTGGCAGGGCCCATCCTGGGCAGAGGGGCTGGGGCTGGGCC  
AGAGTCCAGCCGTCCAGCTGCTCCTTTCCAGTTTGATTCAATAAATCTGTCCACTCCCCTTTTGTG

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#"><u>NM_001810.5</u></a>
<b>Summary:</b>	This gene product is a highly conserved protein that facilitates centromere formation. It is a DNA-binding protein that is derived from transposases of the pogo DNA transposon family. It contains a helix-loop-helix DNA binding motif at the N-terminus, and a dimerization domain at the C-terminus. The DNA binding domain recognizes and binds a 17-bp sequence (CENP-B box) in the centromeric alpha satellite DNA. This protein is proposed to play an important role in the assembly of specific centromere structures in interphase nuclei and on mitotic chromosomes. It is also considered a major centromere autoantigen recognized by sera from patients with anti-centromere antibodies. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	1059