

Product datasheet for **SC205340**

H2BC12 (NM_080593) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: H2BC12 (NM_080593) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: H2BC12
Synonyms: H2B/S; H2BFAii; H2BFT; H2BK; HIST1H2BK
ACCN: NM_080593
Insert Size: 452 bp
Insert Sequence: >SC205340 3'UTR clone of NM_080593
The sequence shown below is from the reference sequence of NM_080593. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCGTCACCAAGTACACCAGCGCTAAGTAACTTGCCAAGGAGGGACTTTCTCTGGAATTTCTGATAT
GACCAAGAAAGCTTCTTATCAAAGAAGCACAATTGCCTTCGGTTACCTCATTATCTACTGCAGAAAAG
AAGACGAGAATGCAACCATACCTAGATGGACTTTCCACAAGCTAAAGCTGGCCTCTTGATCTCATTCA
GATTCCAAGAGAATCATTTACAAGTTAATTTCTGTCTCCTTGGTCCATTCTTCTCTAATAATCAT
TTACTGTTCTCAAAGAATTGTCTACATTACCCATCTCCTCTTTTGCCTCTGAGAAAAGATATAAGC
TTCTGTACCCACTGGGGGTTGGGTAATATTCTGTGGTCCTCAGCCCTGTACCTTAATAAATTTGTA
TGCCTTTCTCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-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_080593.2](#)



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Summary:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene encodes a replication-dependent histone that is a member of the histone H2B family. The protein encoded is an antimicrobial protein with antibacterial and antifungal activity. Two transcripts that encode the same protein have been identified for this gene, which is found in the histone microcluster on chromosome 6p21.33. [provided by RefSeq, Aug 2015]

Locus ID:

85236

MW:

16.8