

## Product datasheet for **SC200083**

### H2BC4 (NM\_003526) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	H2BC4 (NM_003526) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	H2BC4
Synonyms:	dj221C16.3; H2B.1; H2B/l; H2BC6; H2BC7; H2BC8; H2BC10; H2BFL; HIST1H2BC
ACCN:	NM_003526
Insert Size:	87 bp
Insert Sequence:	>SC200083 3'UTR clone of NM_003526 The sequence shown below is from the reference sequence of NM_003526. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCGTCACCAAGTACACCAGCTCCAAGTAACATTCCAAGTAAGCGTCTTAACACCTAACCCCAAAGGC TCTTTTAAGAGCCACCCA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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><a href="#">NM_003526.3</a></u>



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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. The protein has antibacterial and antifungal antimicrobial activity. The main transcript variant of this gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. This transcript variant lacks a polyA tail but instead contains a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Apr 2020]

**Locus ID:**

8347

**MW:**

3.2