

Product datasheet for **SC200146**

H2BC8 (NM_003518) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	H2BC8 (NM_003518) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	H2BC8
Synonyms:	dj221C16.8; H2B.1A; H2B/a; H2BC4; H2BC6; H2BC7; H2BC10; H2BFA; HIST1H2BG
ACCN:	NM_003518
Insert Size:	93 bp
Insert Sequence:	>SC200146 3'UTR clone of NM_003518 The sequence shown below is from the reference sequence of NM_003518. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCTGTCACCAAGTATACAAGCTCCAAGTAATGTGTGCTTAGGTGCTTTAAACTCAAAGGCTCTTTTC AGAGCCACTCAAGTCTCACATAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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>NM_003518.4</u>



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Summary:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. The protein has antibacterial and antifungal antimicrobial activity. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]

Locus ID:

8339

MW:

3.4