

Product datasheet for **SC205367**

H2BC5 (NM_138720) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	H2BC5 (NM_138720) Human 3' UTR Clone
Symbol:	H2BC5
Synonyms:	dj221C16.6; H2B.1B; H2B/a; H2B/b; H2B/g; H2B/h; H2B/k; H2B/l; H2BFA; H2BFB; H2BFG; H2BFH; H2BFK; H2BFL; HIRIP2; HIST1H2BC; HIST1H2BD; HIST1H2BE; HIST1H2BF; HIST1H2BG; HIST1H2BI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_138720
Insert Size:	406 bp
Insert Sequence:	>SC205367 3' UTR clone of NM_138720 The sequence shown below is from the reference sequence of NM_138720. The complete sequence of this clone may contain minor differences, such as SNPs. Red =Cloning site Blue =Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

CACCAAGTACACCAGTTCCAAG**TA**CTTTGCCAAGGGAGAGACATGAAGACAGAGGAGAAATGAATGCAT
AAAATAACTGATAATATGAATCTATACATAGAAGCTTAGGAAGTCTCATCTGCCTGAAAATGACTGTGTGG
ATCCCACCCAAATCCAACCTACCTGGTTTGGCTGCACACTGGTTCATCAAAAAGAAGTTACCGAGGGGAA
GGAAGTAAAGGTGTTGCACTTCATGTTACTTTTTGAGTTTATAAACATAAAAACAGAATTTACTTCTGT
TACAGACCTAGTTACTGGGAATTCATTACTTGCCATGGACTACCTTTGCTAAGAAAAGTCTGAATGAGAA
GATGGCAGGACGTCTGAAAAAAAAAGTTATAATTAATAAAATCTGCCGAGAATTGT

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

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).



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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_138720.1</u>
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. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2B family. Two transcripts that encode the same protein have been identified for this gene, which is found in the large histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015]
Locus ID:	3017