

Product datasheet for **SC216502**

H2BC21 (NM_003528) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	H2BC21 (NM_003528) Human 3' UTR Clone
Symbol:	H2BC21
Synonyms:	GL105; H2B; H2B.1; H2BE; H2BFQ; H2BGL105; H2BQ; HIST2H2BE
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003528
Insert Size:	1831 bp



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Insert Sequence: >SC216502 3'UTR clone of NM_003528
 The sequence shown below is from the reference sequence of NM_003528. 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
GCGGTCACCAAGTACACCAGCTCCAAGTAGTCCCTGCCGGGACCTGGCGCTCGCTCGAGTCGCC
GGCTGCTTGACTCCAAAGGCTCTTTTCAGAGCCACCCACCTAATCACTAGAAAAGAGCTTGTTCACTTA
TTCCCTTAGTTTCTTTTCATAAAGTAAGTTATTTTAGTGTGAAGGTCATGGGAAATGGCATACTAGCT
TTTTAACTATTTGGAAGTCCGAGTCCCCAGTGCCTATTGGATTGCTTTTGAATCTAGAGCGTGTCTT
TACTATTGTGCTGCTTAGCCTTCCCAGGAGTCGGTTCTCAATTAGGCTGTTGGGAATCCGCCTCTTTA
CCCCCCCCACTCCCCCCACACGCGCCTGGTGGCTCCTTGGGTCTGTTTCATTCTAAAACGAAGTG
GCTGAGTTCGGCTGTCATTTAAGAGAATCCAGGACACAATTAGCCCGGTTCCGCAAACACTGCGTG
ACAGCTCTGTATGACTGACGCTTGGCAGCAGCTTTTGTGTCCGGTACCAGTTCTGCCGTGCGATGGGG
CCTCTGTGGATACCAGCCGTTCTGTGATTTTGGACGAAGGCCGCGCAGCCGGTCCCAGCCTTGTC
TGATTGGGCGACAAGAATATTCAAATTTCTGCGCCTTTTCTAATTTGTAGATTTCAATTTCCGTCGTT
CACTTTGAGACTTTGAAATTCCTATTTCTATTTTGTGATAATTTCTGCATTTAATGGTCTGTGCTTT
AAATGGTAACGCTACGGCCCCAGGTCAGTGCAGGCACTTACCATGTAGATACGGGCTCAAAGTACC
TCTCAGAGACTACGTCATCCACTCAGGAATTCGCGCCTCTCATACTGCCTGTCTATTTTATCTTCC
TTCTAGCAGCTGTCTGAAATGGTTCGCTGTTTTCTTGTATGGTATTCTCAAGCCCTTGACAGACC
GGCTAGTGTGGTTTTCCCGTGCATCTTCAGCCTGGCACATTATGGACACTTAAATACTACGTATTGATC
TAATATTGTTGGTTAATTTTCCATCCCACCTTTTCTTAATCGCTTCCGTGGATGGATGAAGGGTGC
TGTTCAATTTCCATTAGATGTATGTGAAGGCACAGTGAAAATGAAAATGTTCTTGGAGCTACTTCCCAA
AATGTATCCTTAGTCACCTCAGTGCAACAGCTGGGAGGGGGCCGTGTTAAGATTTTTTTGCTACAAG
AGGAGGTGGCAATGGTAGATCCACCCTTATGCTTCTCAGTTTAGCATAACCTCTTATGGATTTTCATCA
AATTCAGCGTGTGGTCACTGGAAGAGCCTTTTCTTCTCCTTTTCTTACTCTCCCTCATGGTGTTC
CCCTCTTAAAGGAGAGGAGCTTTTAAATTTACACTTACCACCTCATTGCTTTTCTGGAGGCCATGCAAT
ATAGCGGGACTACAGAGTTAATCTCCTTTTACAATGAGGCCAAGAGAAGCCTCATTGGTTCACAGT
CATGCAGCTCATACTGTCCACCCTTGATTTCTCAGATGCAGGACAATTGCATTTTATTTTATTTGTG
GAGGTGCAAGATATTTACTCTTTCTGTCCAACCCTTGATTCTGCCGAGGAAGACTGATGTTTGTATG
AGTGATTAGCTGTTTTGGCTAAGGGCTTTTGGAGCTGATGGCAGGGGTTTGTGAATCCAATGAGC
TCTAGACATTATCACAGACTGAATAGATCTTAACTGTCTCCTACATGTGTGTTTTCAAATGTGTATAGA
TGCTATTGTTATTAATAAAGTTACCAATTAATTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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_003528.3](#)

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, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. The protein has antibacterial and antifungal antimicrobial activity. [provided by RefSeq, Aug 2015]

Locus ID:

8349

MW:

68.6