

## Product datasheet for **SC214393**

### **H2BW2 (NM\_001164416) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	H2BW2 (NM_001164416) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	H2BW2
Synonyms:	H2BFM; H2BM
ACCN:	NM_001164416
Insert Size:	1419 bp



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- Insert Sequence:** >SC214393 3'UTR clone of NM\_001164416  
 The sequence shown below is from the reference sequence of NM\_001164416. 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
TTATGTGCGATATGGCAACAGAGAAAGTGAATATGCTGATACAAGAAGCAAGAAACCTTCCTTACTTCC
AGGTGTGTGTCAGTAGGATTACGGAGTGTCCACGAAACAGCTCATGCCCTAGTGTACAGTGGTACAGC
CAATGAGTGACCTGCAGTCTATGAGCAACAGTCATTGACCCAATGTGGGGGAGTGACCCAAGCTGAAC
CCACAGCAGCCTTCTGTATATCAACCTGGTGTAAAGGAACGGCAGTGTGATTCTTTACCTGATG
TTTTTGTTCGATTGCTTGAATCATGATCTTTAGGGATATGAATCCAAAGCTAAGATTAGAATATGT
ACCTTGTCCCTAACATCAAGTTATACAGAACATTGGCAACCATTAGTAGAAGTCAGATAAGGCTTATTT
CCTCAAAAGATTAGCATATTTATTTATTCATGTTAATATTAATATAGGCTACCTTTCATTGTGCTCTTC
TGGGTCCCAAGTCTTGGCATTAAAGCATTCTTCTATAAGTGTATTGCTGAATTCAGAGCAGGTGC
TCACTTTCCCATTTGCTTTCTTTCCATTGATTCCAGTCGCCCGAGTATGTGGACAAGAGAACATACT
CTGGGACTGCAACCCACAGGAATTTATTATGTTGTGCCTGAAGCTCAACATGTGGCCATTTTTGTAA
ATGTTTCCCGTAAATTTGAAACATCTCATAAACAACCTTCTCCTTCATATGTAGAAAACAGTAAAGG
ATGGCACTCTCAGTCAAACCATGAAACAAAAGCTGGATAAATGACAAAAATCAAATTTTCTTGAGCCC
ATCAGAAGTGGGAAAGAACACCCAGAGGGCCCAACACATAGCCACATAGATTATTCACCATTAAA
GAGGACCCCTTGGTCAAGAGGGAAACAGGGTCAGGGCAAGATGGTAGCCAGAGCTCCCTGAGTAGTGC
AGATGGGAAGAGGGGAAGGTCACCTCCAGAGCTCCACTGGGATCCATAGAGAAATGATATAGAACCA
GAAGTCCACTCATTGGGATCTGTTACTTTCTGTTTTCCAGATTATTAGAAAAATATTACAGAAATAGC
TGAAGAGAAATGTTATGAAAAATAGTTGAAGTTGTGCTTATTGCACGAGGAGACCAAGAAAAACCCACA
AAATCAGCTGCAAGTAAATCCTTCTGGATGGTGCACCAATGTTCTACAAGTCCGGAACAACCTTG
CCAAACCAAAGACCCTTGCCAGAACCTGCTTCTCCAGAGACAGAGCTGTGTACCTGACAAAACACC
ACATCTCACTCAGTGACTTATTTCTCATTATGCTAATTGTTTTGCTGTAATAATGCCAATGTTTCTGTGA
ATTAAGACATACGAATAAATTTCTGAAGTTACCCTTGCA
ACGCGTAAAGCGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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\\_001164416.4](#)
- 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-independent histone that is a member of the H2B histone family. [provided by RefSeq, Nov 2015]

Locus ID: 286436

MW: 54.3