

## Product datasheet for **SC212762**

### Histone H2A.X (H2AFX) (NM\_002105) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Histone H2A.X (H2AFX) (NM\_002105) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** H2AX  
**Synonyms:** H2A.X; H2A/X; H2AFX  
**ACCN:** NM\_002105  
**Insert Size:** 1119 bp  
**Insert Sequence:** >SC212762 3'UTR clone of NM\_002105  
 The sequence shown below is from the reference sequence of NM\_002105. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTGTAACAATTG
GCAGAGCTCAGAATTCAGCGATCGCTTGGCGCGCC
AAGGCCACCCAGGCCTCCAGGAGTACTAAGAGGGCCCGCGCCGCGCCGCGCCAGGCCCTCCCCATG
CCACCACAAAGGCCCTTTAAGGGCCACCACCGCCCTCATGGAAAGAGCTGAGCCGTTCCAGACTGCGG
GGCAAGCGGGCCGCGGCTCCCTTCCCCTCCCCTCCCCTCGCCCGCCTTCGCCGCCCGGCCTCGAGTCCC
CGCCCGCCCCCGCTCCCCTCCCGCACCGCCTGCCGCGTCGGCCTCGGGCCCTGCCCTGTCCGCGTCCG
CCCTCCGGTAGGGTTCGGGCTTCCGGATGCGGCTTGGGCGCTCTTCGGGACCTCCGTGGCGCGGAAG
ACCCGAGCCTGCCGGGGGAGGCCGGCGCGCCGACCTGCCCGCCTCGGCGTTCGTGACTCAGCCGCC
CCATCCCAGTCGCTAAGGGGCTGCGGGGAGGCCGAGCACCTTCTGGAAGACTTGGCCTTCCGCTCTG
ACGCAGGGCCGAGGTGGGAGTCCAGGCCGAGAGCCGGCGCCCTGAAGGTGAGTGAGGCCCTCGGCA
GCTGCAGCCGGGTGTCTGGTACCCCCCGCGTGGTGTCTAGCCAGGACTTTCAGACGCGGCCGCTG
GCCGGGAGGCTTTGGTGGGAGAGACGCGATCGCCGATTTCCGCTGGCGCCCTTCTGCGGCCGGGACC
CAGGCCTTTCACATCAGCTCTCCCTCCATCTTCATTCATAGGTCTGCGCTGGGGCCGGGACGAAGCACT
TGTAACAGGCACATCTTCTCCGAGTACTGCCTCCTAGGAGGACATTTAGGGGAGGGCAGAGGCCT
GCAGTTTGGCTTACGGCTGGCTATGTGGACAGCAAGAGTCGTTTTTCGCGGAAGCCGACTGGCAGCCAG
GCCTGTCCGGGCCCCCGACGCCGCCCATTTCCCTTCCAGCAAATCAACTCGGCAATCCAAGCACCTA
GATACCAGCACAAGTCGGTTAATCCCTGTCTGGACTGAGCCTCCGTTGGCTTCTGAACTGGAATTTGTC
AGCTAACCTTCCACGACTAGAACCTTAGGCATTTGGGGAGTTTTAGATGGACTAATTTTATTAAGGAT
TGTTTTTTTTTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** AscI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_002105.3</a></u>
<b>Summary:</b>	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 histone H2A family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq, Oct 2015]
<b>Locus ID:</b>	3014
<b>MW:</b>	41.2