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Product datasheet for SC210816

H2AZ2 (NM_012412) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	H2AZ2 (NM_012412) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	H2AZ2
Synonyms:	H2A.Z-2; H2AFV; H2AV
ACCN:	NM_012412
Insert Size:	2000 bp

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Insert Sequence:

>SC210816 3'UTR clone of NM_012412
The sequence shown below is from the reference sequence of NM_012412. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGAAAGAAGGGACAGCAGAAAACTGCTTAGAGGGATGCTTTAACCAACCCTCTTCCTCCCCGTCATTGT
ACTGTAACTGGGACAGAAGAAATAATGGGGATATGTGGAATTTTTAACAACAGTTAAATGGAAAAGCAT
AGACAATTACTGTAGACATGATAAAAGAAACATTTGTATGTTCTTAGACTCGAAGTTTGATAAAAGTAC
CTTTTCATGTGGTGACAGTTGTGTGTTGATTGGCTAGGTTTCTCCCGTGTGTTTTATACAAAAATGGAA
TTGATAAACCATTTTTTACAAAATTAATTTGTCTCAAAACTGTTCTGTTCATGATGTATTAGAAATATT
TTACTCAGACTTTAAATATTTTAAATCTCAGATTGGTTATTCAGAGTAACCTTAGAACAGAAATTGGGA
ATATATCTTTACAATGATTGATACCATGGTATATTGACTCTTAGATGCTATTGATCTGTAGCACCATTT
TTTACAAACGACTAAGGAAAAAACCTGCCAATTAAATCATGATATGCCATCAATTATGAGACATCCCAA
TTTGAGAGATGTTAGATTATAGAAAAGTATGCATTTATGACTGAAATGGTAGTGGAATTATTTGAATTC
TACACCAAGCACTTACCATGTGCCAGGCCCTTTGCAGAGTGCTCTACTGACCAAGAAAGTTGTTGCTGC
CACATTATAGATGTGGAGCCTAAGGGTCACAGAAATTGTGTGCTATGCCAAAAAACATTGAACTGGTAG
ATAGAAAATGACAGAGCTAGGATTCAAACCTAGATCTGGCTGACTCCAGAGCCTAGTTTTACCTGGAAT
TGATGTTCAGTTTATCAAAGGTTTCTCCTTTTGGTTTAAAATCCCAATTTTTGGCCTGGCATTGTGGTT
TACGCCTGTAATCCCAACACTTCGGGAGACCGAGGCTGGTGGAACACTTGAGGTCAGGAGTTTGAGACC
AGCCTGGCCAACATGGTAAAACGCCGTCTCGGCCAGGCGCGGTGGCTCACGCCTGTAATCCCAGCACTT
TGGGAGGCCAAGGTGGGTGAATCACGAGGTCAGGAAATCGAGACCATCCTGGCTAACATGGTGAAACCC
CGTCTCTATTTAAAAAAATACAAAAAATTAGCCGGGTGTGGTGGCACGCGCCTGTAGTCCCAGCTACTC
AGGAGGCTGAGGCATGAGAATGACGTGAACCCGGGAGGCGGAGCTTGCAGTGAGCCAAGATGGCGCCAC
TGCACTCCAGCTTGGCGACTGAGCAAGACTCCCTCTCAAAACAAACAAAAAAAAGTCTCTACTAAAAAT
ACAGAAATTAGCCAGGCATGGTACACACATGTTGTCCCAACTACTTGGGGCACTGGGGCACAAAAAATC
ACTTGAACCCAGGAGGCAGAGGTTGCAGTGAGCCAAGATCACGCCACTACACTCCAGCCTAGGTGACAG
AGTGTGACTCTGTCTCAAAAAAAAAAATCCCAACTTTTAGTAGTCTCTTAGTCATGCAATAACAGTAAT
TTGTACAATCTTTTAAAAATTATATTTATTTATCAGTTTCTAAGAAACTTTTTTGTTTGTTTTGAGACA
GGCTCTTGCTCTTTTGCCCAGGTTGAAGTGCAGTGGCATGATCCTGGCTCACTGCAGCCTCCACCTCTC
AGGCCCAAGCAATCCTCTTACCTCAGCCCTGCAAATAGCTGGGACCACAGGCACATGCCACCATACCTG
GCTAATTTTTTTTATTTATGTAAGAGACAGAGGTCTCCCTATGTTGCCCAGGTTGGTATTGAACTCCTG
GCTCAAGCCATCCTCCCACCTTGGCCTCCCAAAGTACTGGGATTATAGGCATAAGCCACCATGCCCTGC
GCTAAGTAACTGTTACTTGAGTTAATGTACTAGTTAATTGACCCTTAGAAAATTATATTTTTCTGCTTG
CAAGTCTTCATTAAAGAAGGAAATTTTAAAATATTTTATAGTATAATGCTATCCAAACTCATTTTTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_012412.5

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 encodes a replication-independent histone that is a member of the histone H2A family. Several transcript variants encoding different isoforms, have been identified for this gene. [provided by RefSeq, Oct 2015]

Locus ID: 94239

MW: 77.2