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Product datasheet for SC205093

H2A.Z (H2AFZ) (NM_002106) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	H2A.Z (H2AFZ) (NM_002106) Human 3' UTR Clone
Symbol:	H2A.Z
Synonyms:	H2A.z; H2A.Z-1; H2A/z; H2AFZ; H2AZ
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002106
Insert Size:	404 bp
Insert Sequence:	>SC205093 3'UTR clone of NM_002106 The sequence shown below is from the reference sequence of NM_002106. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGGAAGAAAGGACAACAGAAGACTGTCTAAAGGATGCCTGGATTCCTTGTTATCTCAGGACTCTAAATA CTCTAACAGCTGTCCAGTGTTGGTGATTCCAGTGGACTGTATCTCTGTGAAAAACACAATTTTGCCTTT TTGTAATTCTATTTGAGCAAGTTGGAAGTTTAATTAGCTTTCCAACCAACCAAATTTCTGCATTCGAGT CTTAACCATATTTAAGTGTTACTGTGGCTTCAAAGAAGCTATTGATTCTGAAGTAGTGGGTTTTGATTG AGTTGACTGTTTTTAAAAAACTGTTTGGATTTTAATTGTGATGCAGAAGTTATAGTAACAAACATTTGG TTTTGTACAGACATTATTTCCACTCTGGTGGATAAGTTCAATAAAGGTCATATCCCAAA 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.

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RefSeq:	NM_002106.4
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 member of the histone H2A family that is distinct from other members of the family. Studies in mice have shown that this particular histone is required for embryonic development and indicate that lack of functional histone H2A leads to embryonic lethality. [provided by RefSeq, Jul 2008]
Locus ID:	3015
MW:	15.2