

Product datasheet for **SC200111**

H3C14 (NM_021059) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	H3C14 (NM_021059) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	H3C14
Synonyms:	H3; H3.2; H3/M; H3C13; H3C15; H3F2; H3FM; H3FN; HIST2H3C
ACCN:	NM_021059
Insert Size:	90 bp
Insert Sequence:	>SC200111 3'UTR clone of NM_021059 The sequence shown below is from the reference sequence of NM_021059. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCCCGCCGATCCGTGGAGAGCGGGCTTAAGAAGTGGCGGTTCCGCGGAGGTTCCATCGTATCAAAA GGCTCTTTTCAGAGCCACCCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u>NM_021059.3</u>



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Summary:

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 is intronless and encodes a replication-dependent histone that is a member of the histone H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the telomeric copy. [provided by RefSeq, Aug 2015]

Locus ID:

126961

MW:

3.4