

Product datasheet for **SC207974**

Macro H2A.2 (H2AFY2) (NM_018649) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Macro H2A.2 (H2AFY2) (NM_018649) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MACROH2A2
Synonyms: H2AFY2
ACCN: NM_018649
Insert Size: 629 bp
Insert Sequence: >SC207974 3'UTR clone of NM_018649
 The sequence shown below is from the reference sequence of NM_018649. 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
CAGGAGATGGCCAAGCTCGACGCCAAGTAGCCGCCGCACTTTCCAGCAGGGATCGGAGGACGACCCGAG
TCCCAAGAGTGGGGTTTTGCTTTTTAAAGGAGAGAGGGGTGATGGCAGGGGAGTGGAGGGTGGCC
GGGCAGGTCCTGCCGGCGCAGGGAGCCCTCGCCCTTCACACTCTCTCCAAAAGAGCCTCCATCTGTA
AGGAAGCAGGTCTCCGCGAGGGTTCCTTCCATGTGTTTTCTCCTGTTGTTTTAGAACTTTTTTAAA
AAAACAGACCTCGTTTTAGATTTATAGCATTGACTTTTACACACATTCACACAAGAAAAAATCCTTTC
AAAATTCTTAAATCTTCTGTTCTCCTTTTTCCAAGGGAAGAGGGCAAAAAGTGGCCTGGGCTCTGTTG
GTGTGCGTGTTCCTGGCGGAGAGAAGAAAAATGGGAAAGACATCTCACTGGTGCTTTTCTTTTTGTTT
TAGTGCCCCCGCCCCATCCCTATAATATCTGTAACACTCTCTAAAAAGGTTTTGATTCAGGCTTTTT
TTTGTTTTCATTTTGTTTTTTAAGAAAAAGAAAAATGAAAGGAAAAAATAAAAAGATCCAGTGTCTTTC
TTACAACA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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.



[View online >](#)

RefSeq: [NM_018649.3](#)

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. It replaces conventional H2A histones in a subset of nucleosomes where it represses transcription and may participate in stable X chromosome inactivation. [provided by RefSeq, Oct 2015]

Locus ID: 55506

MW: 23.8