

## Product datasheet for **SC209421**

### HIRA (NM\_003325) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HIRA (NM\_003325) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HIRA  
**Synonyms:** DGCR1; TUP1; TUPLE1  
**ACCN:** NM\_003325  
**Insert Size:** 772 bp  
**Insert Sequence:** >SC209421 3'UTR clone of NM\_003325  
The sequence shown below is from the reference sequence of NM\_003325. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAACAGCTCGACATCCTGAGGGACAAGTAGCCTGCCCCAGCCTGCCCTGGCTGCAGCAAGGGCAGGGCC
ACACTCTCGCCGCTGATGACATGCAGGACCGCCTCACCTGACCAGGCTGTAGGGGAGGAGACTG
GCAGGAGATGTGCTGTCTGCACCAGCGCCAGCCAGCTCCCTGGGCAGATGTGCCCTGTGCTCCTGGGT
CTGACATTGCCTCAGGAGGGGAAAGCTCATCCCTCCCTCCAAGCCCCGATGCGGAGCTAGGGCTGGAG
CTCTGCCAGGTGCCCTGGGGCCAGCAAGGCAGTCCCAGGCCTGCCGTCTCCAGCACGGCCCAAGGTG
GACACTAGCCCCTGCTGCTGCAGGCACCATGCTGCTTCAGCAGTGACGATTGAGCCATTTGTGAGAGAG
AATCCGGAAGCGTTAGGTATTACAGCAGACTGACCTAAGACCTATGTAAGAAAGAAAGCTGTTCCAACAC
ACGGACTATTTTTGTAAGTACTAGAAATTTGCTAACTTGAATATTGAATTTCTTTGGCCGATAATCAGGATT
TCCCTATAAGTCACTTGGACATTGGTCACTTGTAGGAAATTTAACTCTAATTATGACAGCTACACTGA
AAAATAATTGTAAGTAACTTGTCTATCTTCATTTGGTTTTAATTTTTAAATGTTTGTAAAAAGA
GACTGTTTTGGGGGAATGGGGCAAAGGGGTGGGCGATTTCTTTGTAAGTGTAAAATAAATGAACACGC
ATTGAATACAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<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_003325.4</a></u>
<b>Summary:</b>	This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	7290
<b>MW:</b>	28.3