

## Product datasheet for **SC213147**

### HEY1 (NM\_012258) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HEY1 (NM\_012258) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HEY1  
**Synonyms:** BHLHb31; CHF2; HERP2; HESR1; hHRT1; HRT-1; NERP2; OAF1  
**ACCN:** NM\_012258  
**Insert Size:** 1208 bp  
**Insert Sequence:** >SC213147 3'UTR clone of NM\_012258  
The sequence shown below is from the reference sequence of NM\_012258. 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
CCTTGGGGGACGGAGATCGGAGCTTTTTTAAAGAACTGATGTAGAATGAGGGAGGGGAAAGTTTAAAAATC
CCAGCTGGGCTGGACTGTTGCCAACATCACCTTAAAGTCGTCAGTAAAAGTAAAAAGGAAAAAGGTACA
CTTTCAGATAATTTTTTTTTTAAAGACTAAAGGTTTGTGGTTTTACTTTTATCTTTTTTAAATGTTTTTT
TCATCATGTCATGTATTAGCAGTTTTTAAAACTAGTTGTTAAATTTTGTCAAGACATTAATGAAA
TAGTGAGTATAAGCCAACACTTTGTGATAGGTTTGTACTGTGCCTAATTTACTTTGTAAACCAGAATGA
TTCCGTTTTTGCCTCAAAATTTGGGGAATCTTAACATTTAGTATTTTTGGTCTGTTTTTCTCCTGTAT
AGTTATGGTCTGTTTTTAGAATTAATTTTCAAACCACTATGCTTAATGTTAACATGATTCTGTTTGT
AATATTTTGACAGATTAAGGTGTTGATAAATAATTTCTTTTGGGGGAGGGGAAGTATATTGAATTT
TATATTTCTGAGCAAAGCGTTGACAAATCAGATGATCAGCTTTATCCAAGAAAGAAGACTAGTAAATG
TCTGCCTCTATAGCAGAAAGGTGAATGTACAAACTGTTGGTGGCCCTGAATCCATCTGACCAGCTGCT
GGTATCTGCCAGGACTGGCAGTTCTGATTTAGTTAGGAGAGAGCCGCTGATAGGTTAGGTTCTCATTGG
AGTGTGGTGGAAAGGAACTGAAGTAATTGAATAGAATACGCCCTGCATTTACCAGCCCGCAACAC
AAAGAATTTTTAATCACACGGATCTCAAATTCACAAATGTTAACATGGATAAGTGATCATGGTGTGCGA
GTGGTCAATTGAGTAGTACAGTGGAAACTGTTAAATGCATAACCTAATTTTCTGGGACTGCCATATTT
TCTTTTAACTGGAAATTTTTATGTGAGTTTTCTTTTGGTGCATGGAAGTGTGGTTGCCAAGGATTTA
AAAGGGCTTTCTGCCTCCTTCTTTGATTTATTTAATTTGATTTGGGCTATAAAATATCATTTTTCA
GGTTTATTTCTTTAGCAGGTGATGTTAAACGACCTCCACTGAAGTGGGTTTGACCTCTGTTGACTGAT
GTGTTGTGACTAAATAAAAAAGAAAGAACAAAGTA
ACGCGTAAGCGCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<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>	<a href="#"><u>NM_012258.4</u></a>
<b>Summary:</b>	This gene encodes a nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	23462
<b>MW:</b>	46.4