

Product datasheet for **SC202946**

HRH2 (NM_022304) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HRH2 (NM_022304) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HRH2
Synonyms:	H2R
ACCN:	NM_022304
Insert Size:	272 bp
Insert Sequence:	>SC202946 3'UTR clone of NM_022304 The sequence shown below is from the reference sequence of NM_022304. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACGGCCCCCAGGGAGCCACAGACAGGTAAATAGCCCTAGCCATTGGTGCACAGGATGGGGCAATGGGA
GGGGATGCTACTGATGGGAATGATTAAGGGAGCTGCTGTTTAGGTGGTGTGTTTATGTTCTAGGAAC
TCTTCATGAGCACTTTGTAACACCTCTTGCTTAATCCTCCCAACGGCCCCAAAGGTAGAACTTAGC
TCCCTTTTAAAAGGAGCACATTAATAATTCTCAGAGGACTTGCAAGGGCCGCACAGCTGGGGCCT
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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.
RefSeq:	NM_022304.2



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Summary: Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by histamine receptors H1, H2, H3 and H4. Histamine receptor H2 belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and stimulates gastric acid secretion. It also regulates gastrointestinal motility and intestinal secretion and is thought to be involved in regulating cell growth and differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]

Locus ID: 3274

MW: 9.4