

Specifications:

Gene:	hHRH2
Accession:	NP_071640
Insert size:	1093bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

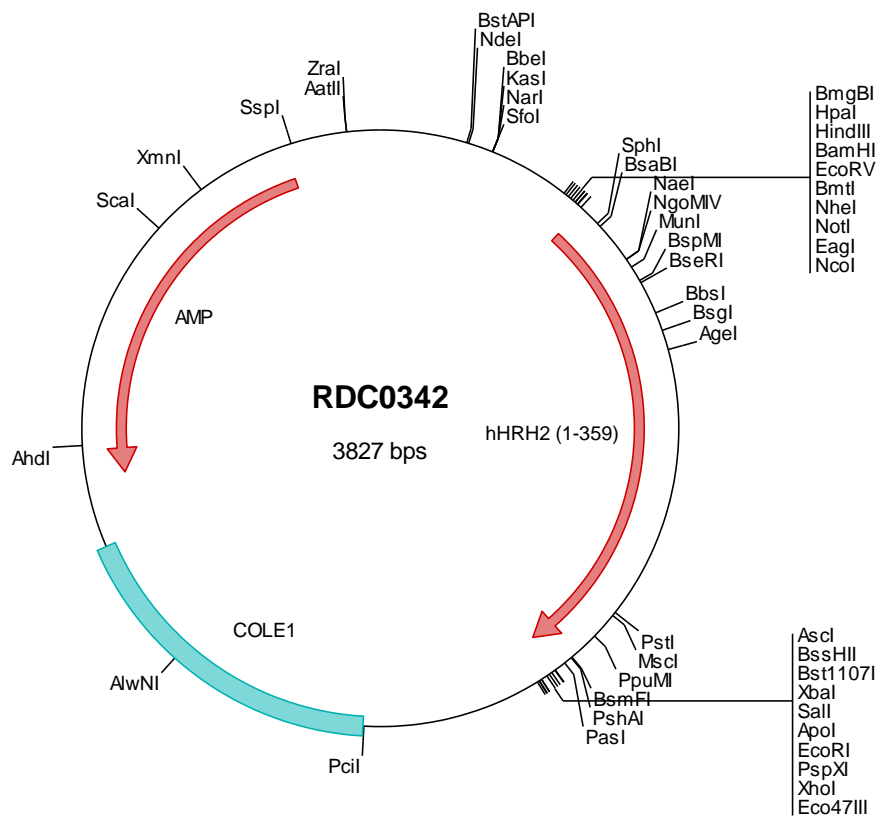
hHistamine H2R cDNA Plasmid

HRH2 histamine receptor H2
[*Homo sapiens*]

Also known as: H2R

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. HRH2 belongs to the family 1 of G protein-coupled receptors. HRH2 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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0342 Plasmid DNA Sequence

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1 tcgcgcggtt cggatgatgac ggtgaaaacc tetgacacat gcaagctccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201 ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtcggggcc tcttcctat
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> RDC0342 Translated Insert Sequence

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201 tyyrifkvar dqakrinhis swkaatireh katvtlaavm gafiicwfpv ftafvyrglr gddainevle aivlwlgyan salnpilyaa lnrdftrtgyq
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