

Specifications:

Gene:	mHRH2
Accession:	NP_001010973
Insert size:	1207bp
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.

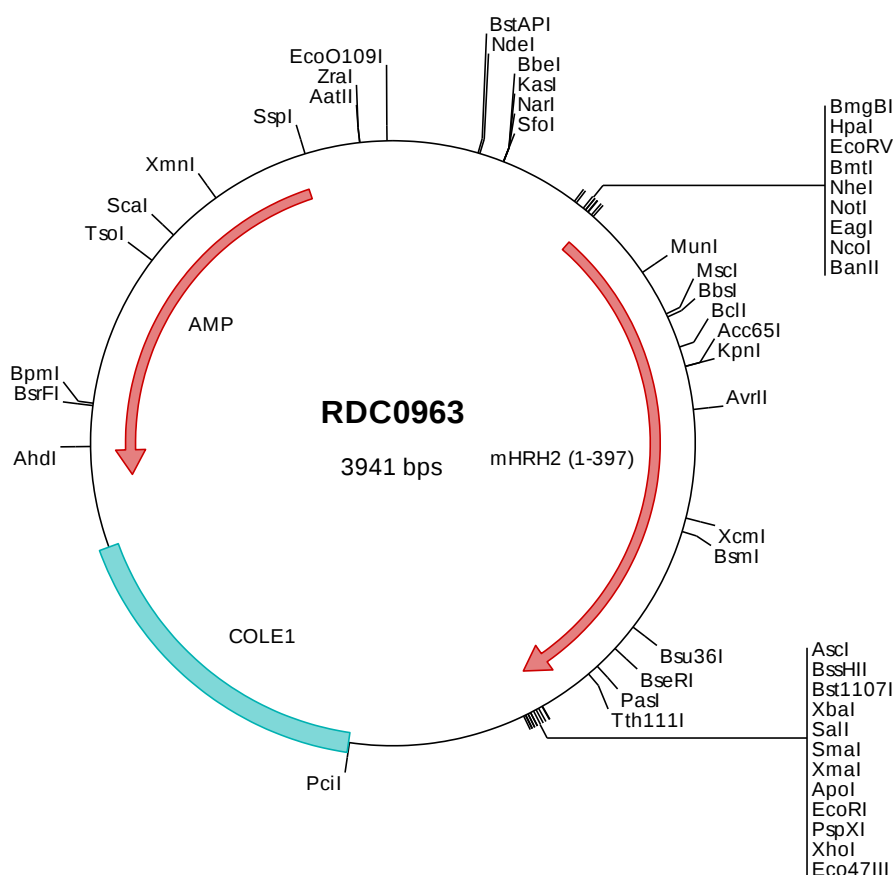
mHistamine H2 R cDNA Plasmid

Hrh2 histamine receptor H2
[*Mus musculus* (house mouse)]

Also known as: H2R

Summary:

The diverse effects of histamine on immune regulation are a result of the differential expression and regulation of 4 histamine receptors. HRH2(-/-) mice manifested profound insulin resistance and glucose intolerance. HRH2 signaling may regulate glucose and lipid metabolism. Histamine is necessary to generate IL-4-driven eosinophilic inflammation, as histamine-deficient mice cannot generate eosinophilic lung inflammation in response to intratracheal IL-4 and exogenous histamine restores responsiveness. Alveolar epithelial cells require HRH2 to produce CCL24, an eosinophil recruitment factor.





> RDC0963 Plasmid DNA Sequence

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> RDC0963 Translated Insert Sequence

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201  yyrifkiare qakrinhiis wkaatirehk atvtlaavmg afivcwfpyf tafvyrglrg ddavnevveg ivlwlgyans alnpilyatl nrdfmayqq
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