

Specifications:

Gene:	mHRH4
Accession:	NP_694727
Insert size:	1189bp
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.

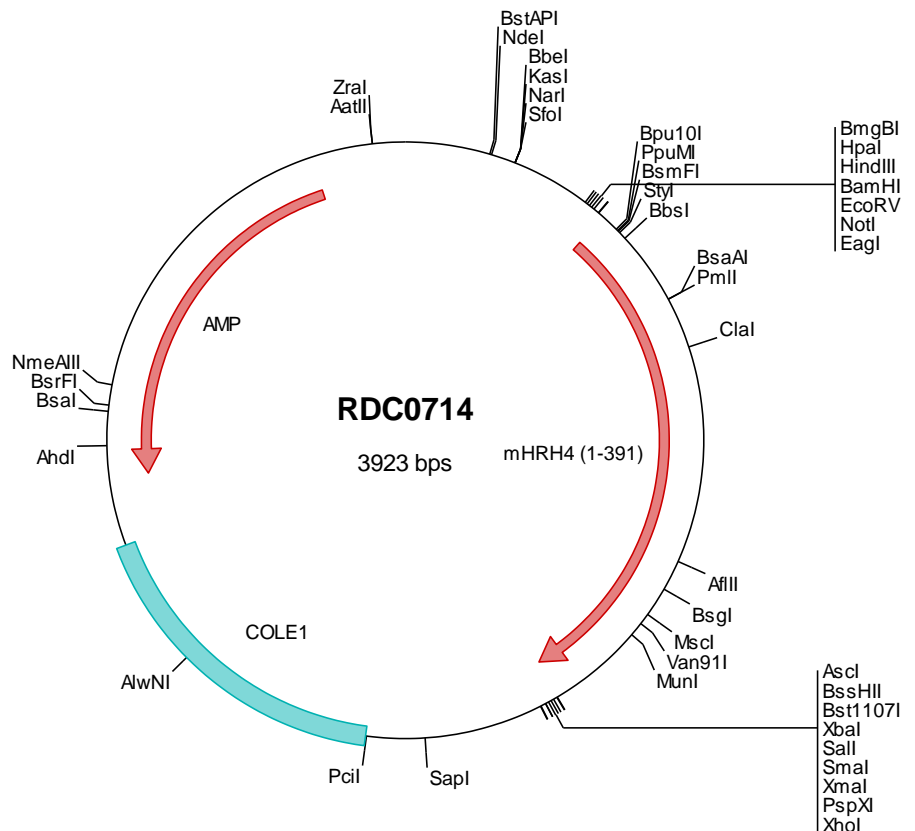
mHistamine H4R cDNA Plasmid

Hrh4 histamine receptor H4
[*Mus musculus* (house mouse)]

Also known as: H4; H4R; BG26;
HH4R; AXOR35; GPRv53; GPCR105

Summary:

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. HRH4 belongs to the G protein-coupled receptor 1 family. It is a histamine receptor that is predominantly expressed in haematopoietic cells. HRH4 is thought to play a role in inflammation and allergy responses. Multiple transcript variants encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0714 Plasmid DNA Sequence

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> RDC0714 Translated Insert Sequence

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