

Recombinant Human HRH2 Protein

Cat. No. HRH2-5036H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HRH2 full-length ORF (AAH54510.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	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]
Form	Liquid
Molecular Mass	44.5 kDa
AA Sequence	MAPNGTASSFCLDSTACKITITVVLAVLILITVAGNVVVCLAVGLNRRRLRNLTNCFIVSL AITDLLLGLLVLPFSAIYQLSCKWSFGKVFCNIYTSLDVMLCTASILNLFMISLDRYCAV MDPLRYPVLVTPVRVAISLVLIWVISITLSFLSIHLGWNSRNETSKGNHTTSKCKVQVN EVYGLVDGLVTFYLPLLIMCITYYRIFKVARDQAKRINHISWKAATIREHKATVTAAV MGAFIICWFPYFTAFVYRGLRGDDAINEVLEAIVLWLGYANSALNPILYAALNRDFRT GYQQLFCCRLANRNSHKTSLRSNASQLSRTQSREPRQQEEKPLKLQVWSGTEVTA

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PQGATDRPWLCCLPECWSVELTHSFIHLFIHSFANIHPITTCQEL

Applications

Antibody Production
Functional Study
Compound Screening

Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name

HRH2 histamine receptor H2 [Homo sapiens]

Official Symbol

HRH2

Synonyms

HRH2; histamine receptor H2; histamine H2 receptor; HH2R; gastric receptor 1; gastric receptor I; H2R;

Gene ID

3274

mRNA Refseq

NM_001131055

Protein Refseq

NP_001124527

MIM

142703

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UniProt ID

P25021

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