

Recombinant Full Length Human HRH2 Protein

Cat. No. HRH2-3666HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HRH2 full-length ORF (AAH54510.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	218 amino acids
Description	<p>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]</p>
Form	Liquid
Molecular Mass	44.5 kDa
AA Sequence	<p>MAPNGTASSFCLDSTACKITITVVLAVLILITVAGNVVVCLAVGLNRRLRNLTNCFIVSL AITDLLLGLLVLPFSAIYQLSCKWSFGKVFNCNIYTSLDVMLCTASILNLFMISLDRYCAV MDPLRYPVLVTPVRVAISLVLIWVISITLSFLSIHLGWNSRNETSKGNHTTSKCKVQVN EVYGLVDGLVTFYLPLLIMCITYYRIFKVARQAKRINHISSWKAATIREHKATVTAAV</p>

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MGAFIICWFPYFTAFVYRGLRGDDAINEVLEAIVLWLGYANSALNPILYAALNRDFRT
 GYQQLFCCRLANRNSHKTSLRSNASQLSRTQSREPRQQEEKPLKLQVWSGTEVTA
 PQGATDRPWLCLPECWSVELTHSFIHLFIHSFANIHPITTCQEL

Applications	Antibody Production Functional Study Compound Screening
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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