

Proteoliposomes

Full-Length

HRH2 (Human) Recombinant Protein

Catalog # H00003274-G01

Size 2 ug

Specification

Product Description

Human HRH2 full-length ORF (AAH54510.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAPNGTASSFCLDSTACKITITVVLAVLILITVAGNVVVCLAVGLNRRLRNLTNCFVSLAITDLLLGLL
VLPFSAIYQLSCKWSFGKVFCNIYTSLDVMLCTASILNLFMISLDRYCAVMDPLRYPVLVTPVRVAIS
LVLWVISITLSFLSIHLGWNSRNETSKGNHTTSKCKVQVNEVYGLVDGLVTFYLPLLIMCITYYRIFKV
ARDQAKRINHSSWKAATIREHKATVTLAAVMGAFIICWFPYFTAFVYRGLRGDDAINEVLEAMLWL
GYANSALNPILYAALNRDFRTGYQQLFCCRLANRNSHKTSLSNASQLSRTQSREPRQQEEKPLK
LQVWSGTEVTAPQGATDRPWLCLPECWSVELTHSFIHLFIHSFANIHIPTTCQEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

44.5

Interspecies Antigen Sequence

Mouse (86); Rat (86)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

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

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Antibody Production

Gene Info — HRH2

Entrez GeneID [3274](#)

GeneBank Accession# [BC054510.2](#)

Protein Accession# [AAH54510.1](#)

Gene Name HRH2

Gene Alias H2R

Gene Description histamine receptor H2

Omim ID [142703](#)

Gene Ontology [Hyperlink](#)

Gene 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. 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]

Other Designations gastric receptor 1

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Angioneurotic Edema](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Urticaria](#)
- [Weight Gain](#)