

Proteoliposomes

Full-Length

HRH1 (Human) Recombinant Protein

Catalog # H00003269-G01

Size 10 ug

Specification

Product Description

Human HRH1 full-length ORF (NP_000852.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MSLPNSSCLLEDKMCEGNKTTMASPQLMPLVVVLSTICLVTVGLNLLVLYAVRSEKLTHTVGNYI
VSLSVADLIVGAVVMPMNILYLLMSKWSLGRPLCLFWLSMDYVASTASIFSVFILCIDRYRSVQQPL
RYLKYRTKTRASATILGAWFLSFLWVIPILGWNHFMQQTSVRREDKCETDFYDVTWFKVMTAIIIFY
LPTLLMLWFYAKIYKAVRQHCQHRELINRSLPSFSEIKLRPENPKGDAKKPGKESPWEVLKRKPK
DAGGGSVLKSPSQTPKEMKSPVVFSQEDDREVDKLYCFPLDIVHMQAAAEGSSRDYAVNRSH
GQLKTDEQGLNTHGASEISEDQMLGDSQSFSRTDSDTTTETAPGKGKLRSGSNTGLDYIKFTWKR
LRSHSRQYVSGLHMNRERKAAKQLGFIMAAFILCWIPYIFFMVIAFCCKNCCNEHLHMFTIWLGYINS
TLNPLYPLCNENFKKTFKRILHIRS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55.8

Interspecies Antigen Sequence

Mouse (78); Rat (79)

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 — HRH1

Entrez GeneID [3269](#)

GeneBank Accession# [NM_000861.2](#)

Protein Accession# [NP_000852.1](#)

Gene Name HRH1

Gene Alias H1-R, hisH1

Gene Description histamine receptor H1

Omim ID [600167](#)

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. This gene was thought to be intronless until recently. The protein encoded by this gene is an integral membrane protein and belongs to the G protein-coupled receptor superfamily. It mediates the contraction of smooth muscles, the increase in capillary permeability due to contraction of terminal venules, the release of catecholamine from adrenal medulla, and neurotransmission in the central nervous system. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000160133|histamine H(1) receptor|histamine receptor, subclass H1

Pathway

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

Disease

- [Angioneurotic Edema](#)
- [Body Weight](#)
- [Cardiovascular Diseases](#)

- [Cognition](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Urticaria](#)
- [Weight Gain](#)