

Recombinant Human HRH1

Cat. No. HRH1-27712TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Histamine H1 Receptor with N terminal FLAG tag and C terminal His tag, coexpressed with RGS4 , prepared from Sf9 cells coinfectd with Human Histamine H1 Receptor and RGS4-encoding baculoviruses.
Species	Human
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. 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.
Conjugation	FLAG,His
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 75mM Tris HCl, 12.5mM Magnesium chloride, 1mM EDTA, pH 7.4
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Full Length	Full L.
GENE INFORMATION	
Gene Name	HRH1 histamine receptor H1 [Homo sapiens]
Official Symbol	HRH1
Synonyms	HRH1; histamine receptor H1; histamine H1 receptor;
Gene ID	3269
mRNA Refseq	NM_000861
Protein Refseq	NP_000852
MIM	600167
Uniprot ID	P35367
Chromosome Location	3p25
Pathway	Amine ligand-binding receptors, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem;
Function	G-protein coupled receptor activity; histamine binding; histamine receptor activity; receptor activity; signal transducer activity;

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