

Product Information

MemDX™ Membrane Protein Human HRH4 (Histamine receptor H4) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3520K**

This product is for research use only and is not intended for diagnostic use.

This product is a Human HRH4 membrane protein expressed *in vitro* E.coli expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

HRH4

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MPDTNSTINLSLSTRVTLAFFMSLVAFAIMLGNALVILAFVVDKNLRHRSSYFFLNLAISDFFVGVISIPLYIPHTLFEWDFGKEICVFWL

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

HRH4

Full Name

Histamine receptor H4

Introduction

Histamine is a ubiquitous messenger molecule released from mast cells, enterochromaffin-like cells, and neurons. Its various actions are mediated by a family of histamine receptors, which are a subset of the G-protein coupled receptor superfamily. This gene encodes a histamine receptor that is predominantly expressed in haematopoietic cells. The protein is thought to play a role in inflammation and allergy responses. Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

HRH4; H4; H4R; BG26; HH4R; AXOR35; GPRv53; GPCR105; G-protein coupled receptor 105; SP9144; pfi-013; histamine H4 receptor; Histamine receptor H4

Gene ID

[59340](#)

UniProt ID

[Q9H3N8](#)