

Product Information

MemDX™ Membrane Protein Human HRH3 (Histamine receptor H3) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3579K**

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

This product is a Human HRH3 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

HRH3

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MERAPPDGPLNASGALAGEAAAAGGARGFSAAWTAVLAALMALLIVATVLGNALVMLAFVADSSLRTQNNFFLLNLAISDFLVGAFC

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

HRH3

Full Name

Histamine receptor H3

Introduction

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 encodes one of the histamine receptors (H3) which belongs to the family 1 of G protein-coupled receptors. It is an integral membrane protein and can regulate neurotransmitter release. This receptor can also increase voltage-dependent calcium current in smooth muscles and innervates the blood vessels and the heart in cardiovascular system.

Alternative Names

HRH3; HH3R; GPCR97; G protein-coupled receptor 97; H3R; Histamine receptor H3

Gene ID

[11255](#)

UniProt ID

[Q9Y5N1](#)