

PRODUCT INFORMATION

Target HRH3

Synonyms HH3R; GPCR97

Recombinant human HRH3 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q9Y5N1 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

HRH3(Met1-Ala39) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 29.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

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

Background

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. [provided by RefSeq, Jul 2008]

Usage Research use only

Unconjugated Conjugate

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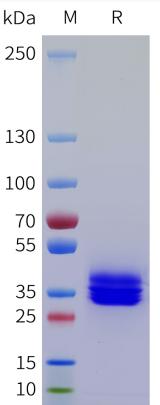


Figure 1. Human HRH3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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