PRODUCT INFORMATION

Target	HRH3
Synonyms	HH3R; GPCR97
Description	Recombinant human HRH3 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9Y5N1
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	HRH3(Met1-Ala39) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 29.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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Human HRH3 Protein, hFc Tag

Cat. No. PME101762

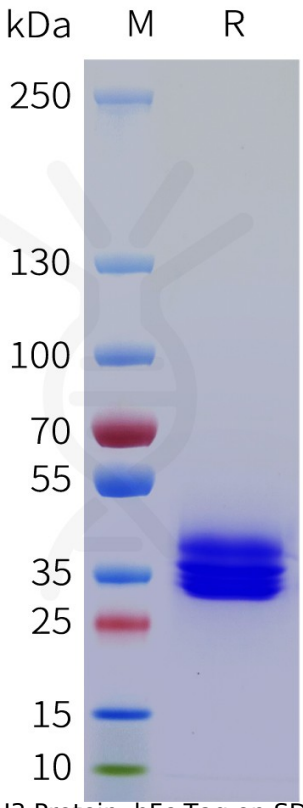


Figure 1. Human HRH3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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