

Recombinant Human HRH4 Protein, His-tagged

Cat. No. HRH4-2254H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HRH4 Protein (Trp90-Ala302) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Trp90-Ala302
Description	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 reponses. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.0 kDa Accurate Molecular Mass: 28 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	HRH4 histamine receptor H4 [Homo sapiens (human)]
Official Symbol	HRH4
Synonyms	HRH4; histamine receptor H4; histamine H4 receptor; AXOR35; GPCR105; GPRv53; H4R; HH4R; SP9144; pfi-013; G-protein coupled receptor 105; H4; BG26; MGC133027;
Gene ID	59340
mRNA Refseq	NM_001143828
Protein Refseq	NP_001137300

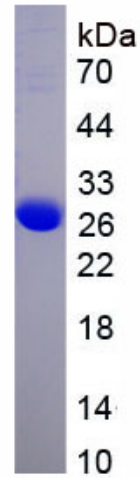
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