

HDFP323

Product Information

Product SKU:	HDFP323	Expression Host:	HEK293	Size:	10µg
Target:	HRH4	Tag:	C-Flag Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	Q9H3N8
Molecular Weight:	The human full length HRH4 protein has a MW of 44.5kDa		

Protein Information

Background:	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. [provided by RefSeq, May 2009]
Synonyms:	AXOR35, BG26, GPCR105, GPRv53, H4, H4R, HH4R
Protein Description:	Human HRH4 full length protein-synthetic nanodisc
Formulation:	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
Protein Pathways:	GPCRDB Other, Cancer.
Protein Families:	GPCR, Transmembrane, Druggable Genome.
Usage:	Research use only

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.