Nanodisc Human HRH4-Strep Protein

HDFP1056

Product Information

Product SKU:	HDFP1056	**Expression Host**:	HEK293	**Size**:	10µg
Target:	HRH4	**Tag**:	C-Flag&Strep Tag		

Additional Information

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

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 reponses. 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-Strep 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

Contact Details | Dublin, Ireland
Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

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.

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