

# Product Information

## NativeExtract™ Human HRH4 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX181**

This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human HRH4 protein in native nanodisc form. The synthetic compound we developed can solubilize the HRH4 protein from membrane while retaining the native structure.

### Product Specifications

#### Host Species

Human

#### Target Protein

HRH4

#### Protein Length

Full length

#### Molecular Weight

44.5kDa

#### Sequence

Accession # [Q9H3N8](#)

### Product Description

#### Activity

Yes

#### Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

#### Expression Systems

HEK293 expression system

#### Tag

Flag tag at the C-terminus

#### Protein Format

Native Nanodisc

#### Form

Liquid

**Buffer**

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

**Storage**

The product should be stored at -20°C to -80°C.

**Target****Target Protein**

HRH4

**Full Name**

Histamine receptor H4

**Introduction**

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.

**Alternative Names**

H4; H4R; BG26; HH4R; AXOR35; GPRv53; GPCR105; histamine H4 receptor; G-protein coupled receptor 105; SP9144; pfi-013; HRH4; Histamine receptor H4

**Gene ID**

[59340](#)

**UniProt ID**

[Q9H3N8](#)