# Biotinylated Human GIPR Protein-Nanodisc

**Cat. No.** GIP-HM14RNB

## Description

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| **Source** | Recombinant Biotinylated Human GIPR Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus. |
| | It contains Met1-Cys466. |
| **Accession** | P48546-1 |
| **Molecular Weight** | The protein has a predicted MW of 63.8 kDa. |
| **Endotoxin** | Less than 1 EU per μg by the LAL method. |

## Formulation and Storage

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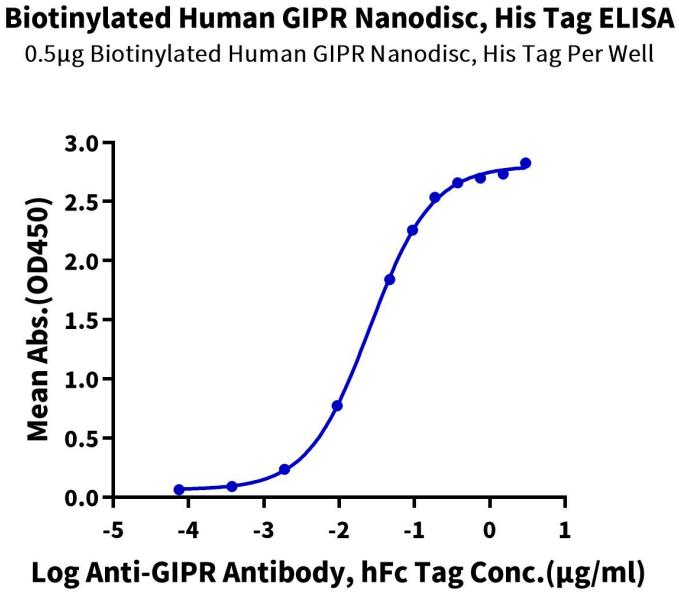
| **Formulation** | Supplied as 0.22 μm filtered solution in PBS, 200mM L-Arginine (pH 7.4). Notice: Not recommended for flow cytometry in mammalian cells. |
| **Storage** | Valid for 6 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles. |

## Background

The gastric inhibitory polypeptide receptor (GIPR), a G protein-coupled receptor (GPCR) that regulates glucose metabolism and insulin secretion, is a target for the development of therapeutic agents to address type 2 diabetes and obesity.

## Assay Data

**ELISA Data**




Immobilized Biotinylated Human GIPR Nanodisc, His Tag at 5μg/ml (100μl/well) on the streptavidin precoated plate (5μg/ml). Dose response curve for Anti-GIPR Antibody, hFc Tag with the EC50 of 25.5ng/ml determined by ELISA (QC Test).