

Biotinylated Human GIPR Protein-Nanodisc

Cat. No. GIP-HM14RNB

Description

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 1EU per μg by the LAL method.

Formulation and Storage

Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for immunization.
Storage	Valid for 12 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

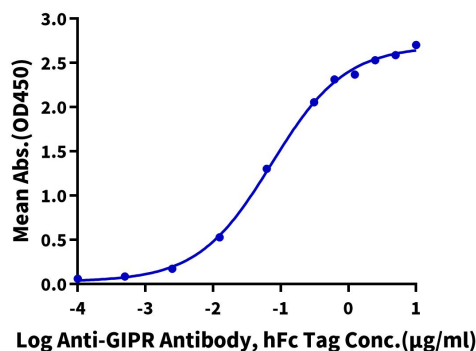
The gastric inhibitory polypeptide receptor (GIPR), a G protein-coupled receptor (GPCR) that regulates glucose metabolism and insulin secretion, is a target for the development of therapeutic agents to address type 2 diabetes and obesity.

Assay Data

ELISA Data

Biotinylated Human GIPR Nanodisc, His Tag ELISA

0.5 μg Biotinylated Human GIPR Nanodisc, His Tag Per Well



Immobilized Biotinylated Human GIPR Nanodisc, His Tag at 5 $\mu\text{g}/\text{ml}$ (100 $\mu\text{l}/\text{well}$) on the streptavidin precoated plate (5 $\mu\text{g}/\text{ml}$). Dose response curve for Anti-GIPR Antibody, hFc Tag with the EC50 of 73.4ng/ml determined by ELISA (QC Test).