Human GIPR Full-Length Bioactive Membrane Protein

HDFP111

Product Information

Product SKU:
HDFP111

Size:
10µg

Molecular Weight:
The human full length GIPR protein has a MW of 53 kDa

Expression System:
HEK293

Uniprot:
P48546

Target:
GIPR

Antibody Information

Background:
This gene encodes a G-protein coupled receptor for gastric inhibitory polypeptide (GIP), which was originally identified as an activity in gut extracts that inhibited gastric acid secretion and gastrin release, but subsequently was demonstrated to stimulate insulin release in the presence of elevated glucose. Mice lacking this gene exhibit higher blood glucose levels with impaired initial insulin response after oral glucose load. Defect in this gene thus may contribute to the pathogenesis of diabetes. [provided by RefSeq, Oct 2011]

Description:
Human GIPR full length protein-synthetic nanodisc

Protein Family:
Druggable Genome, GPCR, Transmembrane

Protein Pathways:
Neuroactive ligand-receptor interaction

Synonyms:
PGQTL2

Storage:
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.

Usage:
Research use only

Form:
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.

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