

Product Information

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

Cat. No.: **S01YF-1023-KX366**

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

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

Product Specifications

Host Species

Human

Target Protein

GIPR

Protein Length

Full length

Molecular Weight

53.2 kDa

Sequence

Accession # [P48546](#)

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**

GIPR

Full Name

Gastric inhibitory polypeptide receptor

Introduction

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.

Alternative Names

PGQTL2; gastric inhibitory polypeptide receptor; GIP-R; glucose-dependent insulintropic polypeptide receptor; GIPR; Gastric inhibitory polypeptide receptor

Gene ID

[2696](#)

UniProt ID

[P48546](#)