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## Datasheet for ABIN7491455

### GIPR Protein (Fc Tag)

#### Overview

Quantity:	100 µg
Target:	GIPR
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GIPR protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant Human GIPR Protein with C-terminal human Fc tag
Specificity:	GIPR (Arg22-Gln138) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	GIPR
Alternative Name:	GIPR ( <a href="#">GIPR Products</a> )
Background:	<p>PGQTL2</p> <p>Description: 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</p>

## Target Details

	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]
Molecular Weight:	predicted molecular mass of 39.6 kDa after removal of the signal peptide. The apparent molecular mass of GIPR-hFc is 35-55 kDa due to glycosylation.
UniProt:	<a href="#">P48546</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C, -80 °C
Storage Comment:	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.
Expiry Date:	12 months