



[Go to Product page](#)

Datasheet for ABIN7538299  
**GIPR Protein (AA 19-134) (Fc Tag)**

### Overview

Quantity:	50 µg
Target:	GIPR
Protein Characteristics:	AA 19-134
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GIPR protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant mouse GIPR protein with C-terminal human Fc tag
Specificity:	Mouse GIPR (Glu19-Gln134) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
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:	Predicted to enable G protein-coupled peptide receptor activity, gastric inhibitory peptide

## Target Details

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receptor activity, and glucagon family peptide binding activity. Acts upstream of or within endocrine pancreas development. Predicted to be located in membrane. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Is expressed in foregut-midgut junction, pancreas, and pancreas primordium. Human ortholog(s) of this gene implicated in cardiovascular system disease, diabetes mellitus, obesity, and type 2 diabetes mellitus. Orthologous to human GIPR (gastric inhibitory polypeptide receptor). [provided by Alliance of Genome Resources, Apr 2022]

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Molecular Weight: predicted molecular mass of 39.5 kDa after removal of the signal peptide. The apparent molecular mass of mGIPR-hFc is 35-55 kDa due to glycosylation.

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UniProt: [Q0P543](#)

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Pathways: [Positive Regulation of Peptide Hormone Secretion](#), [cAMP Metabolic Process](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

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Storage: -20 °C,-80 °C

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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.

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Expiry Date: 12 months