

## GIPR

### Gastric inhibitory polypeptide receptor

<b>Catalog No.</b>	CSH3069MP	<b>Quantity:</b>	10 mg
	CSH3069PR		50 µg

**Alternate Names:** GIP-R, Glucose-Dependent Insulinotropic Polypeptide Receptor, PGQTL2

**Description:** GIPR encodes a seven-transmembrane G protein-coupled receptor known as Gastric inhibitory polypeptide receptor (GIP-R), found on pancreatic islet beta-cells. The protein stimulates insulin release in the presence of elevated glucose. Together with glucagon-like peptide-1, GIP-R is largely responsible for the secretion of insulin after eating. Defects in this gene may contribute to the pathogenesis of diabetes.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

**Gene ID:** 2696

**UniProtKB:** P48546

**Format:** Cell line, membrane preparation, or purified protein

**Source:** HEK 293 or CHO cells

**Characterization:** Expression verified by flow cytometry. Receptor demonstrates biological activity when tested in a radioligand assay.

**Affinity Tag Options:** 4S-H: 2 x TwinStrep Tag at the amino-terminus, His<sub>10</sub> tag at the carboxy-terminus

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