



Human GIPR blocking peptide (CDBP1364)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GIPR antibody
Antigen 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 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
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GIPR gastric inhibitory polypeptide receptor [Homo sapiens]
Official Symbol	GIPR
Synonyms	GIPR; gastric inhibitory polypeptide receptor; GIP-R; glucose-dependent insulinotropic polypeptide receptor; PGQTL2; MGC126722;

Entrez Gene ID	2696
mRNA Refseq	NM_000164
Protein Refseq	NP_000155
UniProt ID	P48546
Chromosome Location	19q13.2-q13.3
Pathway	Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class B Secretin-like, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem;
Function	gastric inhibitory peptide receptor activity; peptide hormone binding; receptor activity; signal transducer activity; transmembrane signaling receptor activity;