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Product datasheet for RC210811L2V

Gastric Inhibitory Polypeptide Receptor (GIPR) (NM_000164) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gastric Inhibitory Polypeptide Receptor (GIPR) (NM_000164) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Gastric Inhibitory Polypeptide Receptor
Synonyms:	PGQTL2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_000164
ORF Size:	1398 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210811).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_000164.2
RefSeq Size:	2024 bp
RefSeq ORF:	1401 bp
Locus ID:	2696
UniProt ID:	P48546
Cytogenetics:	19q13.32
Protein Families:	Druggable Genome, GPCR, Transmembrane

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Protein Pathways:	Neuroactive ligand-receptor interaction
MW:	53 kDa
Gene Summary:	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. [provided by RefSeq, Oct 2011]