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32-18553: Mouse GIPR Protein, hFc Tag

Uniprot ID : Q0P543
Alternative Name : GIP-R; Gm160; Gm1081

Description

Description : Recombinant mouse GIPR protein with C-terminal human Fc tag
Background : Predicted to enable G protein-coupled peptide receptor activity; gastric inhibitory peptide 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).
Molecular Characterization: mass of 39.5 kDa after removal of the signal peptide. The apparent molecular mass of mGIPR-hFc is approximately 35-55 kDa due to glycosylation.
Tag :C-Human Fc tag

Product Info

Amount :	50 μg / 100 μg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.

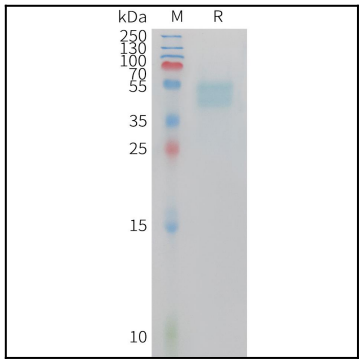

Figure 1. Mouse GIPR Protein, hFc Tag on SDS-PAGE under reducing condition.