Mouse GIPR Protein, hFc Tag Cat. No. PME-M100109



PRODUCT INFORMATION

Synonyms GIP-R; Gm160; Gm1081	
Description Recombinant mouse GIPR protein with C-terminal human Fc tag	
Delivery In Stock	× .
Uniprot ID Q0P543	
Expression Host HEK293	
TagC-Human Fc tag	
Molecular CharacterizationMouse GIPR(Glu19-Gln134) hFc(Glu99-Ala330)	
Molecular Weight The protein has a predicted molecular 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.	
Purity determined by SDS-PAGE and Coomassie blue staining.	
Formulation & ReconstitutionLyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.	
Storage & Shipping Storage & Shipping Store at -20°C to -80°C for 12 months in Iyophilized 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.	
 Background Predicted to enable G protein-coupled peptide receptor activity; gastric inhibitory 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] 	
Usage Research use only	

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

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