

HUMAN GIPR PROTEIN, HFC TAG

货号: 11924

产品全名: 人 GIPR 蛋白

规格: 10/50/100 µg

基因符号 PGQTL2

目标蛋白: GIPR

UNIPROT ID: P48546

描述: Recombinant Human GIPR Protein with C-terminal human Fc tag

背景: 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]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 39.6 kDa after removal of the signal peptide. The apparent molecular mass of GIPR-hFc is approximately 35-55 kDa due to glycosylation.

分子特征: GIPR(Arg22-Gln138) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.

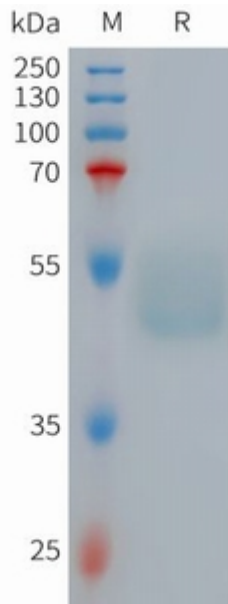


Figure 1. Human GIPR Protein, hFc Tag on SDS-PAGE under reducing condition.