PRODUCT INFORMATION

Target	GIPR
Synonyms	PGQTL2
Description	Recombinant Human GIPR Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P48546
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GIPR(Arg22-Gln138) hFc(Glu99-Ala330)
Molecular Weight	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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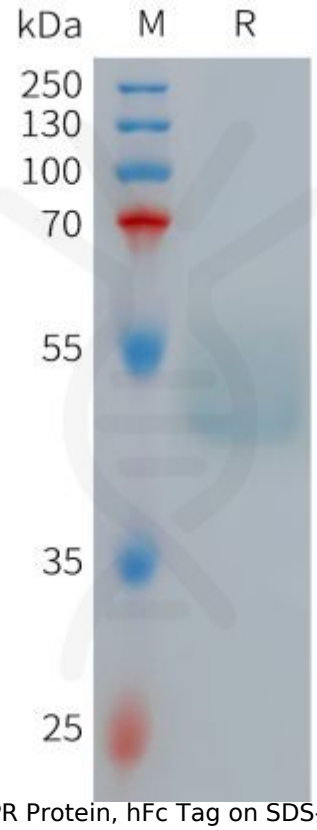


Figure 1.Human GIPR Protein, hFc Tag on SDS-PAGE under reducing condition.

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