PRODUCT INFORMATION

Target	GCGR
Synonyms	GL-R
Description	Recombinant human GCGR protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P47871
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	GCGR(Ala26-Lys136) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 39.2 kDa after removal of the signal peptide. The apparent molecular mass of GCGR-hFc is approximately 55-70 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	The protein encoded by this gene is a glucagon receptor that is important in controlling blood glucose levels. Defects in this gene are a cause of non-insulin-dependent diabetes mellitus (NIDDM).[provided by RefSeq, Jan 2010]
Usage	Research use only
Conjugate	Unconjugated

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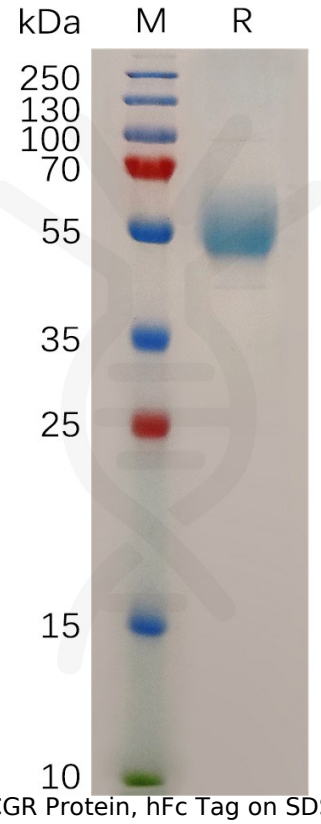


Figure 1. Human GCGR Protein, hFc Tag on SDS-PAGE under reducing condition.

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