PRODUCT INFORMATION

Target	GHRHR
Synonyms	GRFR; GHRFR; IGHD4; IGHD1B
Description	Recombinant human GHRHR Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q02643
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	GHRHR(His23-Thr128) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 37.8 kDa after removal of the signal peptide. The apparent molecular mass of GHRHR-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 receptor for growth hormone-releasing hormone. Binding of this hormone to the receptor leads to synthesis and release of growth hormone. Mutations in this gene have been associated with isolated growth hormone deficiency (IGHD), also known as Dwarfism of Sindh, a disorder characterized by short stature. [provided by RefSeq, Jun 2010]
Usage	Research use only
Conjugate	Unconjugated

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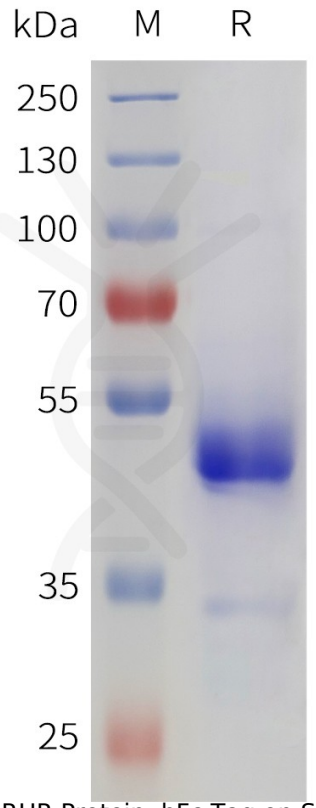


Figure 1. Human GHRHR Protein, hFc Tag on SDS-PAGE under reducing condition.

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