

PRODUCT INFORMATION

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|------------------------------|---|
| 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 |



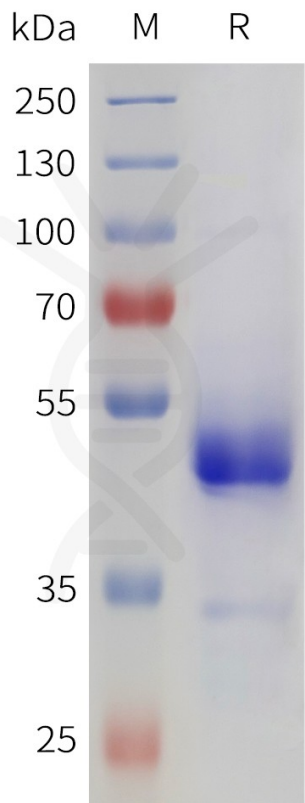


Figure 1. Human GHRHR Protein, hFc Tag on SDS-PAGE under reducing condition.

