

## GHRH

## Recombinant Human Growth Hormone Releasing Hormone

|                                 |  |                  |        |
|---------------------------------|--|------------------|--------|
| <b>Catalog No.</b>              | CRG126   | <b>Quantity:</b> | 500 µg |
| <b>Alternate Names:</b>         | Sermorelin, GHRF, GRF  |                  |        |
| <b>Gene ID:</b>                 | 2691   |                  |        |
| <b>Protein Accession No:</b>    | NP_066567  |                  |        |
| <b>Description:</b>             | Recombinant human GHRH is a single, non-glycosylated, polypeptide chain containing 29 amino acids. Corresponds to the amino-terminal segment of the naturally occurring human growth hormone-releasing hormone consisting of 44 amino acid residues.   |                  |        |
| <b>Source:</b>                  | <i>E. coli</i>   |                  |        |
| <b>Molecular Weight:</b>        | 3.4 kDa  |                  |        |
| <b>Formulation:</b>             | Lyophilized  |                  |        |
| <b>Purity:</b>                  | ≥ 98% as determined by SDS-PAGE and HPLC analyses  |                  |        |
| <b>Endotoxin Level:</b>         | < 0.1 ng/µg of GHRH  |                  |        |
| <b>Biological Activity:</b>     | Fully biologically active, increases plasma growth hormone concentrations by directly stimulating the anterior pituitary gland to release natural human growth hormone.  |                  |        |
| <b>Reconstitution:</b>          | <b>Centrifuge vial prior to opening.</b> Add sterile distilled water to the vial to fully solubilize the protein to a concentration of 0.1-1.0 mg/ml.  |                  |        |
| <b>Storage &amp; Stability:</b> | Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2-4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b> |                  |        |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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