

## Recombinant Human GHRH protein, Fc-tagged

**Cat. No.** GHRH-132H    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human GHRH(Tyr32-Leu75) fused with Fc region of human IgG1 at N-terminal was expressed in HEK293.                                                                                                                                                |
| <b>Species</b>              | Human                                                                                                                                                                                                                                                        |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>        | Tyr32-Leu75                                                                                                                                                                                                                                                  |
| <b>Predicted N Terminal</b> | Glu                                                                                                                                                                                                                                                          |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements. |
| <b>Molecular Mass</b>       | The recombinant human GHRH consists 304 amino acids and predicts a molecular mass of 33.5 kDa.                                                                                                                                                               |
| <b>Endotoxin</b>            | <1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                      |
| <b>Purity</b>               | > 85 % as determined by SDS-PAGE.                                                                                                                                                                                                                            |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70 centigrade                                                                                                                                                                            |
| <b>Storage</b>              | Store it under sterile conditions at -20 centigrade to -80 centigrade. It is                                                                                                                                                                                 |

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** [GHRH growth hormone releasing hormone \[ Homo sapiens \]](#)

**Official Symbol** [GHRH](#)

**Synonyms** GHRH; growth hormone releasing hormone; GHRF; somatoliberin; sermorelin; somatocrinin; somatorelin; growth hormone-releasing factor; growth hormone-releasing hormone; GRF; INN; MGC119781;

**Gene ID** [2691](#)

**mRNA Refseq** [NM\\_021081](#)

**Protein Refseq** [NP\\_066567](#)

**MIM** [139190](#)

**UniProt ID** [P01286](#)

**Chromosome Location** 20q11.2

**Pathway** Class B/2 (Secretin family receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Glucagon-type ligand receptors, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;

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**Function**

growth hormone-releasing hormone activity; growth hormone-releasing hormone receptor binding;

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