

Recombinant Human Growth Hormone Releasing Hormone

Cat. No. GHRH-200H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Growth Hormone Releasing Hormone is expressed in <i>E.coli</i> .
Species	Human
Source	E.coli
Description	Growth-hormone-releasing hormone (GHRH), also known as growth-hormone-releasing factor (GRF, GHRF) or somatocrinin, is a releasing hormone for growth hormone. It is a 44-amino acid peptide hormone produced in the arcuate nucleus of the hypothalamus. GHRH first appears in the human hypothalamus between 18 and 29 weeks of gestation, which corresponds to the start of production of growth hormone and other somatotropes in fetuses.
Purity	>98% as determined by SDS-PAGE and HPLC.
Endotoxin	Less than 0.1 ng/mg of GHRH.
Physical Appearance	Lyophilized powder.
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in H ₂ O to a concentration of 0.1-1.0 mg/ml.
Storage	Lyophilized GHRH should be stored desiccated below 0oC. Upon reconstitution GHRH can be stored at 4oC for 2-7 days. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store aliquots at –20oC or –70oC.

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Avoid freeze-thaw cycles.

GENE INFORMATION

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

Synonyms [GHRH](#); growth hormone releasing hormone; OTTHUMP00000030915; growth hormone-releasing factor; growth hormone-releasing hormone; sermorelin; somatocrinin; somatoliberin; somatorelin; GRF; INN; GHRF; MGC119781

Gene ID [2691](#)

mRNA Refseq [NM_001184731](#)

Protein Refseq [NP_001171660](#)

MIM [139190](#)

UniProt ID [P01286](#)

Chromosome Location 20q11.2

Pathway Neuroactive ligand-receptor interaction; Signaling by GPCR

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

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