

## Recombinant Human GHRH cell lysate

Cat. No. GHRH-704HCL Lot. No. (See product label)

### SPECIFICATION

**Species**

Human

**Description**

The protein encoded by this gene belongs to the glucagon family and is a preproprotein that is produced in the hypothalamus. The preproprotein is cleaved to form a 44 aa factor, also called somatocinin, that acts to stimulate growth hormone release from the pituitary. Variant receptors for somatocinin have been found in several types of tumors, and antagonists of these receptors can inhibit the growth of the tumors. Defects in this gene are a cause of dwarfism, while hypersecretion of the encoded protein is a cause of gigantism.

**Size**

100 ul

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Applications**

Western Blot;

### GENE INFORMATION

**Gene Name**

GHRH growth hormone releasing hormone [ Homo sapiens ]

**Official Symbol**

GHRH

**Synonyms**

GHRH; growth hormone releasing hormone; GHRF; somatoliberin; sermorelin; somatocinin; somatorelin; growth hormone-releasing factor; growth hormone-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	releasing hormone; GRF; INN; MGC119781;
<b>Gene ID</b>	<a href="#">2691</a>
<b>mRNA Refseq</b>	<a href="#">NM_001184731</a>
<b>Protein Refseq</b>	<a href="#">NP_001171660</a>
<b>MIM</b>	<a href="#">139190</a>
<b>UniProt ID</b>	<a href="#">P01286</a>
<b>Chromosome Location</b>	20q11.2
<b>Pathway</b>	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;
<b>Function</b>	growth hormone-releasing hormone activity; growth hormone-releasing hormone receptor binding;

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