

Recombinant Human GHRH protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GHRH(Tyr32-Leu75) fused with Fc region of human IgG1 at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Tyr32-Leu75
Predicted N Terminal	Glu
Form	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.
Molecular Mass	The recombinant human GHRH consists 304 amino acids and predicts a molecular mass of 33.5 kDa.
Endotoxin	<1.0 EU per µg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	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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