

Recombinant Human GHRH Protein, His/GST-tagged

Cat. No. GHRH-661H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GHRH(Cys19~Gly108) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Cys19~Gly108
Description	This gene encodes a member of the glucagon family of proteins. The encoded preproprotein is produced in the hypothalamus and cleaved to generate the mature factor, known as somatoliberin, which acts to stimulate growth hormone release from the pituitary gland. Variant receptors for somatoliberin 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. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	37.4kDa
Identity	Reconstitute in PBS or others

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Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

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_001184731

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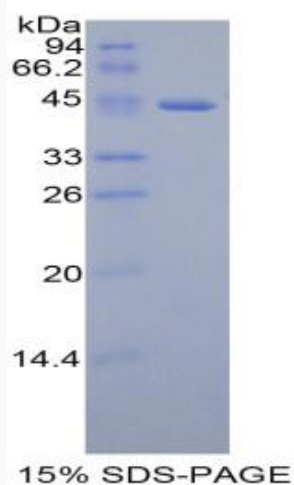
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Protein Refseq NP_001171660

MIM 139190

UniProt ID P01286



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