

Recombinant Full Length Human GHRH Protein, GST-tagged

Cat. No. GHRH-5252HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GHRH full-length ORF (NP_066567.1, 1 a.a. - 108 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	108 amino acids
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 somatocrinin, that acts to stimulate growth hormone release from the pituitary. Variant receptors for somatocrinin 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. [provided by RefSeq
Molecular Mass	38.8 kDa
AA Sequence	MPLWVFFFVILTLSSSHCSPPPPLTLRMRRYADAIFTNSYRKVLGQLSARKLLQDIM SRQQGESNQERGARARLGRQVDSMWAEQKQMELESILVALLQKHSRNSQG
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
Protein Refseq	NP_001171660
MIM	139190
UniProt ID	P01286

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