



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### GHRH (Human) Recombinant Protein (P01)

**Catalog Number:** H00002691-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human GHRH full-length ORF ( NP\_066567.1, 1 a.a. - 108 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MPLWVFFFVILTLSSHCSPPPPLTLRMRRYADAIFT  
NSYRKVLGQLSARKLLQDIMSRQQGESNQERGARAR  
LGRQVDSMWAEQKQMELESILVALLQKHSRNSQG

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 38.8

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2691

**Gene Symbol:** GHRH

**Gene Alias:** GHRF, GRF, MGC119781

**Gene Summary:** 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]