



# 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

### GIP (Human) Recombinant Protein (P01)

**Catalog Number:** H00002695-P01

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

**Product Description:** Human GIP full-length ORF ( NP\_004114.1, 1 a.a. - 153 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MVATKTFALLLLSLFLAVGLGEKKEGHFSALPSLPVGS  
HAKVSSPQPRGPRYAEGTFISDYSIAMDKIHQQDFVN  
WLLAQKGGKNDWKHNITQREARALELASQANRKEEE  
AVEPQSSPAKNPSDEDLLRDLIIQELLACLLDQTNLCR  
LRSR

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

**Theoretical MW (kDa):** 43.5

**Interspecies Antigen Sequence:** Mouse (69); Rat (71)

**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:** 2695

**Gene Symbol:** GIP

**Gene Alias:** -

**Gene Summary:** This gene encodes an incretin

hormone and belongs to the glucagon superfamily. The encoded protein is important in maintaining glucose homeostasis as it is a potent stimulator of insulin secretion from pancreatic beta-cells following food ingestion and nutrient absorption. This gene stimulates insulin secretion via its G protein-coupled receptor activation of adenylyl cyclase and other signal transduction pathways. It is a relatively poor inhibitor of gastric acid secretion. [provided by RefSeq]