



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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

### GUCA2B (Human) Recombinant Protein (P01)

**Catalog Number:** H00002981-P01

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

**Product Description:** Human GUCA2B full-length ORF (NP\_009033.1, 1 a.a. - 112 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MGCRAASGLLPGVAVVLLLLLQSTQSVYIQYQGFRVQ  
LESMKKLSDLEAQWAPSPRLQAQSLLPAVCHHPALPQ  
DLQPVCASQEASSIFKTLRTIANDDCELCVNVACTGCL

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

**Theoretical MW (kDa):** 38.5

**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:** 2981

**Gene Symbol:** GUCA2B

**Gene Alias:** GCAP-II, UGN

**Gene Summary:** Uroguanylin and guanylin (GUCA2A; MIM 139392), peptide homologs of the bacterial heat-stable enterotoxins (e.g., the E. coli ST toxin; STa), are endogenous activators of the guanylate cyclase-2C receptor (GUCY2C; MIM 601330), which synthesizes cyclic GMP (cGMP), a key component of several intracellular signal transduction pathways.[supplied by OMIM]