



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### GUCY1A2 (Human) Recombinant Protein (Q01)

catalyze conversion of GTP to 3-prime, 5-prime-cyclic GMP and pyrophosphate (Harteneck et al., 1991 [PubMed 1683630]).[supplied by OMIM]

**Catalog Number:** H00002977-Q01

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

**Product Description:** Human GUCY1A2 partial ORF ( NP\_000846, 296 a.a. - 401 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

CENTNIMKNLPQGT SQVPADLRISINTFCRAFPFHLMF  
DPSMSVLQLGEGLRKQLRCDTHKVLKFEDCFEIVSPK  
VNATFERVLLRLSTPFVIRTKPEASGSENKD

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

**Theoretical MW (kDa):** 37.4

**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:** 2977

**Gene Symbol:** GUCY1A2

**Gene Alias:** GC-SA2, GUC1A2

**Gene Summary:** Soluble guanylyl (or guanylate) cyclases are heterodimeric enzymes consisting of an alpha subunit, such as alpha-2 (GUCY1A2), and a beta subunit, typically beta-1 (GUCY1B3; MIM 139397), which are activated by nitric oxide (NO) and which