



# 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

### MGST3 (Human) Recombinant Protein (P01)

**Catalog Number:** H00004259-P01

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

**Product Description:** Human MGST3 full-length ORF (AAH00505, 1 a.a. - 152 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MAVLSKEYGFVLLTGAASFIMVAHLAINVSKARKKYKV  
EYPIMYSTDPENGHIFNCIQRAHQNTLEVYPPFLFFLAV  
GGVYHPRIASGLGLAWIVGRVLYAYGYTGEPSKRSR  
GALGSIALLGLVGTTCVCSAFQHLGWVKSGLGSGPKCC  
H

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

**Theoretical MW (kDa):** 42.46

**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:** 4259

**Gene Symbol:** MGST3

**Gene Alias:** GST-III

**Gene Summary:** The MAPEG (Membrane Associated Proteins in Eicosanoid and Glutathione metabolism) family consists of six human proteins, several of which

are involved the production of leukotrienes and prostaglandin E, important mediators of inflammation. This gene encodes an enzyme which catalyzes the conjugation of leukotriene A4 and reduced glutathione to produce leukotriene C4. This enzyme also demonstrates glutathione-dependent peroxidase activity towards lipid hydroperoxides. [provided by RefSeq]