



# 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

### GZMB (Human) Recombinant Protein (P02)

**Catalog Number:** H00003002-P02

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

**Product Description:** Human GZMB full-length ORF (AAH30195.1, 1 a.a. - 247 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MQPILLLLAFLLLPADAGEIIGGHEAKPHSRPYMAYLM  
IWDQKSLKRCGGFLIQDDFVLTAHCWGSSINVTLGA  
HNIKEQEPTQQFIPVKRPIPHPAYNPKNFSNDIMLLQLE  
RKAKRTRAVQPLRLPSNKAQVKPGQTCSVAGWGQTA  
PLGKHSHTLQEVKMTVQEDRKCESDLRHYYDSTIELC  
VGDPEIKKTSFKGDSGGPLVCNKVAQGIVSYGRNNGM  
PPRACTKVSSFVHWIKKTMKRH

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

**Theoretical MW (kDa):** 54.1

**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:** 3002

**Gene Symbol:** GZMB

**Gene Alias:** CCPI, CGL-1, CGL1, CSP-B, CSPB, CTLA1, CTSL1, HLP, SECT

**Gene Summary:** Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein encoded by this gene is crucial for the rapid induction of target cell apoptosis by CTL in cell-mediated immune response. [provided by RefSeq]