



# 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

### DEFB1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001672-P01

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

**Product Description:** Human DEFB1 full-length ORF (AAH47677, 1 a.a. - 68 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRTSYLLFLCLLLSEMASGGNFLTGLGHRSDHYNC  
VSSGGQCLYSACPIFTKIQTGTCYRGKAKCK

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

**Theoretical MW (kDa):** 33.22

**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:** 1672

**Gene Symbol:** DEFB1

**Gene Alias:** BD1, DEFB-1, DEFB101, HBD1, MGC51822

**Gene Summary:** Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 1, an antimicrobial peptide implicated in the resistance of

epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis. [provided by RefSeq]