



# 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

### DEFA5 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001670-P01

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

**Product Description:** Human DEFA5 full-length ORF ( NP\_066290.1, 1 a.a. - 94 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MRTIAILAAILLVALQAQAESLQERADEATTQKQSGED  
NQDLAISFAGNGLSALRTSGSQARATCYCRTGRCATR  
ESLSGVCEISGRLYRLCCR

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

**Theoretical MW (kDa):** 36.5

**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:** 1670

**Gene Symbol:** DEFA5

**Gene Alias:** DEF5, HD-5, MGC129728

**Gene Summary:** Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract,

urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. Several of the alpha defensin genes appear to be clustered on chromosome 8. The protein encoded by this gene, defensin, alpha 5, is highly expressed in the secretory granules of Paneth cells of the ileum. [provided by RefSeq]