



# 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

### SLPI (Human) Recombinant Protein (P01)

**Catalog Number:** H00006590-P01

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

**Product Description:** Human SLPI full-length ORF (AAH20708, 26 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

SGKSFKAGVCPPKKSQAQLRYKKPECQSDWQC PGKK  
RCCPDTCGKGLDPVDTPNPTRRKP GKCPVTY GQCLM  
LNPPNFCEMDGQCKRDLKCCMGMGKSCVSPVKA

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

**Theoretical MW (kDa):** 37.51

**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:** 6590

**Gene Symbol:** SLPI

**Gene Alias:** ALK1, ALP, BLPI, HUSI, HUSI-I, MPI, WAP4, WFDC4

**Gene Summary:** This gene encodes a secreted inhibitor which protects epithelial tissues from serine proteases. It is found in various secretions including seminal plasma, cervical mucus, and bronchial secretions, and has

affinity for trypsin, leukocyte elastase, and cathepsin G. Its inhibitory effect contributes to the immune response by protecting epithelial surfaces from attack by endogenous proteolytic enzymes; the protein is also thought to have broad-spectrum anti-biotic activity. [provided by RefSeq]