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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLPI (Human) Recombinant Protein (Q01)

Catalog Number: H00006590-Q01

Regulation Status: For research use only (RUO)

Product Description: Human SLPI partial ORF (NP_003055, 33 a.a. - 132 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

GVCPPKKSQAQCLRYKKPEQCSDWQCPGKKRCCPDT
CGIKCLDPVDTNPTRRKPGKCPVTYGGCLMLNPPNF
CEMDGQCKRDLKCCMGKSCVSPVKA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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]

References:

1. Activated microglia enhance neurogenesis via trypsinogen secretion. Nikolakopoulou AM, Dutta R, Chen Z, Miller RH, Trapp BD Proc Natl Acad Sci U S A. 2013 May 21;110(21):8714-9. doi: 10.1073/pnas.1218856110. Epub 2013 May 6.