



SLPI peptide (DAG-P1172)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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, Jul 2008]
Specificity	Mucous fluids.
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	Contains 2 WAP domains.
Format	Liquid
Buffer	Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 0.001% Tween 20, 30mM HEPES, 2mM EDTA, 150mM Sodium chloride, pH 6.75

GENE INFORMATION

Gene Name [SLPI secretory leukocyte peptidase inhibitor \[Homo sapiens \(human\) \]](#)

Official Symbol	SLPI
Synonyms	SLPI; secretory leukocyte peptidase inhibitor; ALP; MPI; ALK1; BLPI; HUSI; WAP4; WFDC4; HUSI-I; antileukoproteinase; HUSI-1; protease inhibitor WAP4; mucus proteinase inhibitor; seminal proteinase inhibitor; WAP four-disulfide core domain protein 4; secretory leukocyte protease inhibitor (antileukoproteinase);
Entrez Gene ID	6590
mRNA Refseq	NM_003064.3
Protein Refseq	NP_003055.1
UniProt ID	P03973
Chromosome Location	20q12
Function	endopeptidase inhibitor activity; enzyme binding; protein binding; serine-type endopeptidase inhibitor activity;