



## SLPI blocking peptide (CDBP6159)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLPI secretory leukocyte peptidase inhibitor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	SLPI
<b>Synonyms</b>	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)

<b>Entrez Gene ID</b>	<a href="#">6590</a>
<b>mRNA Refseq</b>	<a href="#">NM_003064</a>
<b>Protein Refseq</b>	<a href="#">NP_003055</a>
<b>UniProt ID</b>	P03973
<b>Function</b>	endopeptidase inhibitor activity; enzyme binding; protein binding; serine-type endopeptidase inhibitor activity