

## Recombinant Human SLPI protein, hFc-tagged

**Cat. No.** SLPI-5643H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SLPI protein(P03973)(Ser26-Ala132), fused with C-terminal hFc tag, was expressed in HEK293.                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                           |
| <b>Source</b>           | HEK293                                                                                                                                                                                          |
| <b>ProteinLength</b>    | Ser26-Ala132                                                                                                                                                                                    |
| <b>Tag</b>              | C-hFc                                                                                                                                                                                           |
| <b>Form</b>             | Supplied as 0.22µm filtered solution in PBS, 350mM NaCl (pH 7.4).                                                                                                                               |
| <b>Bio-activity</b>     | Immobilized Human SLPI, hFc Tag at 5ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-SLPI Antibody, hFc Tag with the EC50 of 0.36ug/ml determined by ELISA (QC Test). |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 38.5 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.                                                              |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                                                                         |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC                                                                                                                                |
| <b>Storage</b>          | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot                                                                                                             |

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** SLPI secretory leukocyte peptidase inhibitor [ Homo sapiens ]

**Official Symbol** SLPI

**Synonyms**

SLPI; secretory leukocyte peptidase inhibitor; secretory leukocyte protease inhibitor (antileukoproteinase); antileukoproteinase; ALK1; ALP; BLPI; HUSI; HUSI I; WAP4; WFDC4; HUSI-1; protease inhibitor WAP4; mucus proteinase inhibitor; seminal proteinase inhibitor; WAP four-disulfide core domain protein 4; MPI; HUSI-I;

**Gene ID** 6590

**mRNA Refseq** NM\_003064

**Protein Refseq** NP\_003055

**MIM** 107285

**UniProt ID** P03973

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