

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

SLPI, 26-132aa, Human, His tag, E.coli

产品货号: TP03962

第三版

别名:Antileukoproteinase, ALK1, ALP, BLPI, HUSI, HUSI-I, MPI, WAP4, WFDC4, secretory leukocyte peptidase inhibitor, ALK 1, Antileukoproteinase 1, Antileukoproteinase1, HUSI 1,

描述:SLPI is 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. Recombinant human SLPI, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl

分子量:14.0kDa (128aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSGKSFKAGVCPKKSQAQLRYKKPECQSDWQCPGKKRCCPDTGKICLDPVDTNPPT
RRKPGKCPVTYQQCLMLNPPNFCMDGQCKRDLKCCMGKSCVSPVKA

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.