

Secretory Leukocyte Peptidase Inhibitor Human Recombinant

Item Number	rAP-4478
Synonyms	Antileukoproteinase, ALK1, ALP, BLPI, HUSI, HUSI-I, MPI, WAP4, WFDC4, WAP four-disulfide core domain protein 4, Protease inhibitor WAP4, Seminal proteinase inhibitor, Mucus proteinase inhibitor.
Description	SLPI Recombinant E.coli produced in E.Coli is a single, non-glycosylated polypeptide chain containing 128 amino acids (26-132 a.a.) and having a molecular mass of 14 kDa. The SLPI is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P03973
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSGKSFKAGV CPPKSAQCL RYKKPECQSD WQCPGKKRCC PDTCGIKCLD PVDTPNPTRR KPGKCPVTYG QCLMLNPPNF CEMDGQCKRD LKCCMGMCCK SCVSPVKA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	SLPI Human solution containing 20mM Tris-HCl pH-8.0, 2mM DTT, 0.1M NaCl & 20% glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**