

Secretory Leukocyte Peptidase Inhibitor Recombinant Protein | SLPI recombinant protein

Recombinant Human Secretory Leukocyte Peptidase Inhibitor

CATALOG #
AAA38821

PRODUCT SYNONYMS

Secretory Leukocyte Peptidase Inhibitor; Recombinant Human Secretory Leukocyte Peptidase Inhibitor; SLPI Human; Secretory Leukocyte Peptidase Inhibitor Human Recombinant; 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; SLPI recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 80.0% as determined by SDS-PAGE.
Form/Format	0.5 mg/mL solution containing 20mM Tris-HCl pH-8.0, 2mM DTT, 0.1M NaCl & 20% glycerol.
Sequence Positions	26-132
Sequence	MGSSHHH HHHSSGLVPR GSHMSG KSFKAGVCPP KKSACLRYK KPECQSDWQC PGKKRCCPDT CGIKCLDPVD TPNPTRRKPG KCPVTYQGCL MLNPPNFCM DGQCKRDLKC CMGMCGKSCV SPVKA
Sequence Length	132
Source	Escherichia Coli.
Physical Appearance	Sterile filtered colorless solution.
Preparation and Storage	Store at 4 degrees if entire vial will be used within 2-4 weeks. Store, frozen at -20 degrees 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.

ADDITIONAL INFORMATION

Related Product Information for SLPI recombinant protein	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.
Product Categories/Family for SLPI recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507065
NCBI GeneID	6590
NCBI Accession #	NP_003055.1
NCBI GenBank Nucleotide #	NM_003064.3
UniProt Accession #	P03973 ; P07757 ; B2R5H8
NCBI Official Full Name	antileukoproteinase
NCBI Official Synonym Full Names	secretory leukocyte peptidase inhibitor
NCBI Official Symbol	SLPI

NCBI Official Synonym Symbols	ALP; MPI; ALK1; BLPI; HUSI; WAP4; WFDC4; HUSI-I
NCBI Protein Information	antileukoproteinase; HUSI-1; WAP four-disulfide core domain protein 4; mucus proteinase inhibitor; protease inhibitor WAP4; secretory leukocyte protease inhibitor (antileukoproteinase); seminal proteinase inhibitor
UniProt Protein Name	Antileukoproteinase
UniProt Gene Name	SLPI
UniProt Synonym Gene Names	WAP4; WFDC4; ALP; MPI
UniProt Entry Name	SLPI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/slpi-recombinant-protein/38821>