

Recombinant Human SLPI protein, His-tagged

Cat. No. SLPI-5863H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLPI protein(24-132 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	24-132 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	EGSGKSFKAGVCPPKKSAQCLRYKKPECQSDWQCPGKKRCCPDTCGIKCLDPVDT PNPTRRKPGKCPVTYQGCLMLNPPNFCEMDGQCKRDLKCCMGCMCGKSCVSPVKA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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