

Recombinant Human SLPI Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SLPI-2349H Lot. No. (See product label)

SPECIFICATION

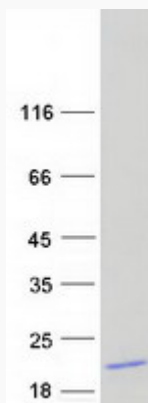
Product Overview	SLPI MS Standard C13 and N15-labeled recombinant protein (NP_003055) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a secreted inhibitor which protects epithelial tissues from serine proteases. It is found in various 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. This antimicrobial protein has antibacterial, antifungal and antiviral activity.
Molecular Mass	14.3 kDa
AA Sequence	MKSSGLFPFLVLLALGTLAPWAVEGSGKSFKAGVCPPKKSAQCLRYKKPECQSDW QCPGKKRCCPDTCGIKCLDPVDTPNPTRRKPGKCPVTYGQCLMLNPPNFCEMDGQ CKRDLKCCMGCMCGKSCVSPVKATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	SLPI secretory leukocyte peptidase inhibitor [Homo sapiens (human)]
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

SDS-PAGE

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