

SLPI Protein, Human (132a.a, Sf9, His)

Cat. No.:	HY-P73415
Synonyms:	Antileukoproteinase; ALP; BLPI; SLPI; MPI; WAP4; WFDC4
Species:	Human
Source:	Sf9 insect cells
Accession:	P03973 (M1-A132)
Gene ID:	6590
Molecular Weight:	Approximately 15 kDa

PROPERTIES

Biological Activity	Measured by its ability to inhibit trypsin cleavage of a fluorogenic peptide substrate Mca-RPKPVE-Nval-WRK (Dnp)-NH ₂ and the IC ₅₀ value is <1 Nm.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, 10% gly, pH 7.4
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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