

LoToxTM Natural Der p 1

Product Code: LTN-DP1-1

Allergen: nDer p 1 (*Dermatophagoides pteronyssinus* allergen 1)

Lot No: **XXXXX**

Source: *D.pteronyssinus* culture medium

Mol. Wt: 24 kD

Purification: From mite culture by multi-step chromatographic purification.
Purity on silver stained SDS-PAGE >90%.

Concentration: See product insert.

Formulation: Preservative and carrier-free in sterile, endotoxin-free,
phosphate buffered saline, pH 7.4

Storage: Store at -20°C

Notes: A LoToxTM product: Endotoxin ≤ 0.01 EU/ μ g.
Cysteine protease activity >160 RFU @ 0.25 μ g/ml concentration.



nDer p 1

Allergens are provided for research and commercial use in vitro.
Not for human in vivo or therapeutic use.

REFERENCES:

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3. Gough L, Schultz O, Sewell HF, Shakib F. The cysteine protease activity of the major house dust mite allergen Der p 1 selectively enhances the immunoglobulin E antibody responses. J Exp Med 1999; 190:1897-1901.
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6. King C, Brennan S, Thompson PJ, Stewart GA. Dust mite proteolytic allergens induce cytokine release from cultured airway epithelium. J Immunol 1998; 161:3645-3651.
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