



Natural Der p Serine Proteases

Product Code: NA-DPSP-2

Product: nDer p (*Dermatophagoides pteronyssinus*) serine proteases

Lot No: XXXXX

Source: *D.pteronyssinus* culture medium

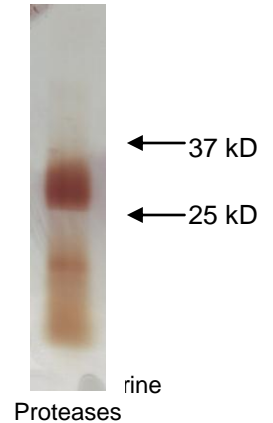
Purification: From mite culture by affinity chromatography.

Concentration: See product insert.

Formulation: Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Sterile filtered.

Storage: Store at -20°C

Notes: (1) Serine protease activity: 25 µg/ml of DPSP Lot# 37083 has activity equal to ~1 µg/ml of trypsin
(2) Trace level of Der p 1 is <0.003%.
(3) Avoid repeated Freeze/Thaw cycles.



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

REFERENCES:

- 1) Stewart GA, Ward LD, Simpson RJ, Thompson PJ. The group III allergen from the house dust mite *Dermatophagoides pteronyssinus* is a trypsin-like enzyme. *Immunology* 1992; 75(1):29-35.
- 2) Smith WA, Chua KY, Kuo MC, Rogers BL, Thomas WR. Cloning and sequencing of the *Dermatophagoides pteronyssinus* group III allergen, Der p III. *Clin Exp Allergy* 1994; 24(3):220-8.
- 3) Bennett BJ, Thomas WR. Cloning and sequencing of the group 6 allergen of *Dermatophagoides pteronyssinus*. *Clin Exp Allergy* 1996; 26(10):1150-4.
- 4) King C, Simpson RJ, Moritz RL, Reed GE, Thompson PJ, Stewart GA. The isolation and characterization of a novel collagenolytic serine protease allergen (Der p 9) from the dust mite *Dermatophagoides pteronyssinus*. *J Allergy Clin Immunol* 1996; 98(4):739-47.