

## Recombinant Der p 7

**Product Code: RP-DP7-1**

Allergen: rDer p 7 (*Dermatophagoides pteronyssinus* allergen 7)

Lot No: **XXXXX**

Source: *Pichia pastoris*

Mol. Wt: 22kD and 27kD

Purification: From *Pichia pastoris* culture by two step column 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. Avoid repeated freeze-thaw cycles.

Notes: rDer p 7 is produced in *P. pastoris* as two bands: at 22kD and 27kD.



rDer p 7

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

**REFERENCES:**

1. Glesner J, Chapman MD, Pomés A. Recombinant Der p 7 Constitutively Expressed in a Eukaryotic System Shows the Same Antigenic Properties as the Natural Allergen. *Journal of Allergy and Clinical Immunology* 2009; 123:S227
2. Shen et al. Characterization of the Allergen Der f 7 from House Dust Mite Extracts by Species-specific and Cross-reactive Monoclonal Antibodies. *Clinical and Experimental Allergy* 1997; 27:824-32
3. Shen et al. Molecular Cloning of a House Dust Mite Allergen with Common Antibody Binding Specificities with Multiple Components in Mite Extracts. *Clinical and Experimental Allergy* 1993; 23:934-40