

## Recombinant Der p 7

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

Allergen:	rDer p 7 ( <i>Dermatophagoides pteronyssinus</i> allergen 7)
Source:	<i>Pichia pastoris</i>
Mol. Wt:	22kD and 27kD
Purification:	From <i>Pichia pastoris</i> culture by two step column chromatography.
Concentration:	0.6 mg/ml, based on Advanced Protein Assay (Cytoskeleton Inc., Denver, CO)
Formulation:	Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Sterile filtered.
Storage:	Store at -20°C
Notes:	rDer p 7 is produced in <i>P. pastoris</i> as two bands: at 22kD and 27kD.



rDer p 7

**For Research Use Only: Not for Diagnostic 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