

Recombinant Der p 2

Product Code: RP-DP2A-1

Allergen: rDer p 2.0101
(*Dermatophagoides pteronyssinus* allergen 2)

Lot No: **XXXX**

Source: *P. pastoris*

Mol. Wt: 14kD

Purification: Purified from *Pichia pastoris* culture supernatant by multi- step chromatography. Purity on silver stained SDS-PAGE > 95%. (See Panel)



rDer p 2.0101

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) rDer p 2.0101 has a C-terminal 6xHis-tag. (2) rDer p 2.0101 is suitable for T-cell or other in vitro studies, but does **not** react in the Group 2 mite ELISA. (3) Not tested for endotoxin.

An InBio™ product

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Heyman PW et al. Antigenic and structural analysis of the Group II allergens (Derp II and Der f II) from house dust mites (*Dermatophagoides* sp). *J Allergy Clin Immunology* 1989;83:1055-67.
2. Mueller GA et al. Expression and secondary structure determination by NMR methods of the major house dust mite allergen Der p 2. *J Biol Chem* 1997;272:26893-8.
3. Smith AM et al. The molecular basis of antigenic cross-reactivity between the group 2 mite allergens. *J Allergy Clin Immunol* 2001;107:977-84.
4. Mueller GA et al. Hydrogen exchange nuclear magnetic resonance spectroscopy mapping of antibody epitopes on the house dust mite allergen Der p 2. *J. Biol. Chem.* 2001;276:9359-65.