

Recombinant Lep d 2

Product Code: RP-LD2-1

Allergen: rLep d 2.0101
(*Lepidoglyphus destructor* allergen 2)

Lot No: **XXXX**

Source: *P. pastoris*

Mol. Wt: 14kD



rLep d 2

Purification: Purified by multi step separation based on MW cutoff. Purity on silver-stained SDS-PAGE >95%. (See Panel)

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: (1) rLep d 2 is suitable for T-cell or other in vitro studies, but does **not** react in the Group 2 mite ELISA .
(2) Not tested for endotoxin.

An InBio™ product

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Gafvelin G et al. Cross-reactivity studies of a new group 2 allergen from the dust mite *Glycyphagus domesticus*, Gly d 2, and group 2 allergens from *Dermatophagoides pteronyssinus*, *Lepidoglyphus destructor*, and *Tyrophagus putrescentiae* with recombinant allergens. J Allergy Clin Immunol 2001;107:511-8.
2. 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.
3. Elfman LH et al. IgE binding capacity of synthetic and recombinant peptides of the major storage mite (*Lepidoglyphus destructor*) allergen, Lep d 2. Int Arch Allergy Immunol. 1998;117(3):167-73.
4. Olsson S et al. Expression of two isoforms of Lep d 2, the major allergen of *Lepidoglyphus destructor*, in both prokaryotic and eukaryotic systems. Clin Exp Allergy. 1998;28(8):984-91.