

LoTox™ Recombinant Fel d 1

Product Code: LTR-FD1-1

Allergen: rFel d 1 (*Felis domesticus* allergen 1)

Source: *Pichia pastoris*

Mol. Wt: 18 and 22 kD

Purification: Purified from *Pichia pastoris* culture by multi-step column chromatography. Purity approx. 95%. (See Panel).

Concentration: (See package insert) Advanced Protein (Cytoskeleton Inc., Denver, CO)

Formulation: Preservative and carrier-free in endotoxin free phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.

Storage: Store at -20°C

- Notes:
1. rFel d 1 is produced in *P. pastoris* as two bands: a glycosylated (22 kD) and non-glycosylated (18kD) form. The band(s) at approx. 40 kD are likely to be Fel d 1 dimers.
 2. A LoTox™ product, Endotoxin < 0.02 EU/µg.



Assay

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Vailes LD, Ichikawa K, Pomés A, Smith AM, Best E, McDermott MJ, Jaquet A, Chapman MD. Validation of recombinant allergens: Elisa reactivity, IgE antibody binding, and skin test reactivity. *J Allergy Clin Immunol* 2001;107(2):S219(Abstract).
2. Pomés A, Smith AM, Gregoire C, Vailes LD, Arruda LK, Chapman MD. Functional properties of cloned allergens from dust mite, cockroach, and cat - are they relevant to allergenicity? *All Clin Immunol Int* 2001;13/4:162-9.
3. Chapman MD, Smith AM, Vailes LD, Arruda LK, Dhanaraj V, Pomés A. Recombinant allergens for diagnosis and therapy of allergic diseases. *J Allergy Clin Immunol* 2000;106:209-18.