

Natural Fel d 2

Product Code: NA-FD2-1

Allergen:	nFel d 2 (<i>Felis domesticus</i> allergen 2)
Lot No:	XXXX
Source:	Partially purified cat albumin
Mol. Wt:	69 kD
Purification:	Purified by multi-step column chromatography. Purity >95% on silver stained SDS-PAGE.
Concentration:	See Product Insert. By Advanced Protein Assay. (Cytoskeleton Inc., Denver, CO)
Formulation:	Preservative and carrier-free in phosphate buffered saline, pH 7.4. Filtered through 0.22µm filter.
Storage:	Store at -20°C. Avoid repeated freeze-thaw cycles.
Notes:	(1) Fel d 2 is a serum albumin (2) Upper band is a Fel d 2 dimer (3) Not tested for endotoxin



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

REFERENCES:

1. Hilger C, Grigioni F, Hentges F. Sequence of the gene encoding cat (*Felis domesticus*) serum albumin. *Gene*. 1996 Mar 9;169(2):295-6.
2. Reiningger R, Swoboda I, Bohle B, Hauswirth AW, Valent P, Rumpold H, Valenta R, Spitzauer S. Characterization of recombinant cat albumin. *Clin Exp Allergy*. 2003;33(12):1695-702.
3. Hilger C, Kohnen M, Grigioni F, Lehnert C, Hentges F. Allergic cross-reactions between cat and pig serum albumin. Study at the protein and DNA levels. *Allergy*. 1997;52(2):179-87.
4. Goubran Botros H, Gregoire C, Rabillon J, David B, Dandeu JP. Cross-antigenicity of horse serum albumin with dog and cat albumins: study of three short peptides with significant inhibitory activity towards specific human IgE and IgG antibodies. *Immunology*. 1996;88(3):340-7.