

Recombinant Fel d 4.0101

Product Code: RP-FD4-1

Allergen:	rFel d 4 (<i>Felis domesticus</i> allergen 4.0101)
Lot No:	xxxxxx
Source:	<i>Pichia pastoris</i>
Mol. Wt:	22 kD
Purification:	Purified from <i>Pichia pastoris</i> culture by multi-step HPLC chromatography. Purity > 95 % by silver stained SDS-PAGE
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) To avoid hyper-glycosylation N-glycosylation motifs at position 51 and 66 were mutated (N51Q, N66Q). (2) Avoid repeated freeze-thaw cycles. (3) The Recombinant Fel d 4 is an Inbio™ product.



rFel d 4

For research and commercial use in vitro: not for human in vivo or therapeutic use.

REFERENCES:

1. Smith W, Butler AJ, Hazell LA, Chapman MD, Pomés A, Nickels DG, Thomas WR. Fel d 4, a cat lipocalin allergen. *Clin Exp Allergy*. 2004;34(11):1732-8.
2. Kelly LA, Erwin EA, Platts-Mills TA. The indoor air and asthma: the role of cat allergens. *Curr Opin Pulm Med*. 2012;18(1):29-34.
3. Madhurantakam C, Nilsson OB, Uchtenhagen H, Konradsen J, Saarne T, Högbom E, Sandalova T, Grönlund H, Achour A. Crystal structure of the dog lipocalin allergen Can f 2: implications for cross-reactivity to the cat allergen Fel d 4. *J Mol Biol*. 2010 Aug 6;401(1):68-83.