

Recombinant Can f 2

Product Code: RP-CF2-1

Allergen:	rCan f 2 (<i>Canis familiaris</i> allergen 2)	
Lot No:	XXXXX	
Source:	<i>Pichia pastoris</i>	
Mol. Wt:	19 kD	
Purification:	Purified from <i>Pichia pastoris</i> culture by multi-step HPLC. Purity > 95 % by silver stained SDS-PAGE	
Concentration:	See product insert.	
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) rCan f 2 presents as a 19kD unglycosylated and a 23 kD glycosylated monomer. In addition, a dimer around 40kD is visible under non-reducing conditions. (2) rCan f 2 has a C-terminal 6xHis-tag	

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Konieczny A et al. The major dog allergens, Can f 1 and Can f 2, are salivary lipocalin proteins: cloning and immunological characterization of the recombinant forms. *Immunology* 1997; 92:577-86.
2. Madhurantakam C et al. 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; 401:68-83.
3. Saarelainen S et al. Assessment of recombinant dog allergens Can f 1 and Can f 2 for the diagnosis of dog allergy. *Clin Exp Allergy.* 2004;34(10):1576-82.