

Fel d 1

a_feld1.pdf

Characteristics of the component

Allergenicity

Origin (Linnean)	Felis domesticus	
Origin (English)	Cat	
Link to the web	http://www.allergenius.it/doc/gatto.pdf	
Family	Not classified	MW 8919
Link to the web		Aminoacids 93
Sub-family	Not classified	MKGACVLVLLWAALLISGGNCEICPAVKR DVDLFLTGTPDEYVEQVAQYKALPVLEN ARILKNCVDAKMTEEDKENALSVLDKIYTS PLC
Link to the web		
Natural / Recombinant	Recombinant	
Type	Inhalant	
Biochemistry	Uteroglobin	
Chemistry	Uteroglobin	
Reactivity	Genuine (specific)	
Cross/pan component	No	
Food	No	

>90 % decrease in skin-test reactivity in cat-allergic patients was found after absorption of Feld1 from cat dander extract. In RAST, a 76% reduction of IgE binding was found after depletion of Feld1 (PMID: 89054671).
Recombinant chain 1 and chain 2: IgE binding in ELISA (PMID: 93254448)
IgE binding to nFeld1 and rFeld1 (PMID: 22304954)

Acidity Susceptibility	Not relevant
Heat Susceptibility	Not relevant
Digestion Susceptibility	Not relevant