

Der f 2

a_derf2.pdf

Characteristics of the component

Allergenicity

Origin (Linnean)	Dermatophagoides farinae
Origin (English)	House dust mite
Link to the web	http://www.allergenius.it/doc/df.pdf
Family	NPC2 family
Link to the web	
Sub-family	Not classified
Link to the web	
Natural / Recombinant	Recombinant
Type	Inhalant
Biochemistry	NPC2
Chemistry	NPC2
Reactivity	Genuine (specific)
Cross/pan component	Cross-reactive
Food	No

MW	15802
Aminoacids	147

MISKILCLSLVAADVADQVDVKDCANNEIK
KVMVDGCHGSDPCIHRGKPFLEALFDA
NQNTKTAKIEIKASLDGLEIDVPGIDTNACH
FMKCPLVKGQYDIKYTWNVPKIAPKSEN
VVVTVKLIGDNGVLACAIATHGKIRD

Of 51 sera from mite-allergic patients, 48 (94%) had IgE antibody to purified Der f 2, as measured by RIA. Positive skin reactions to Der f 2 were found in 11 out of 12 patients tested (LESSTHAN=10(-3) ug/ml) - Of 20 mite-allergic patients tested, 18 had IgE antibodies to purified Der f 2, as measured by RAST. Der f 2 induced basophil histamine release in all 16 patients tested: PMID: 87032478.

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