

Can f 3

Catalog No: CF03-A951H

Can f 3 better known as *Canis Familiaris* allergen 3 is a serum albumin allergen found in dogs predominantly in dog dander, hair, and tongue epithelia. This allergen is responsible for IgE-mediated dog-specific allergic reactivities in individuals displaying sensitivity to the dog and other animals. Allergic sensitivity to Can f 3 is correlated with asthma, concomitant asthma, and allergic rhinitis. Mono sensitization towards Can f 3 is rare, but it plays an important role in cross-reactivity and poly sensitization of allergic or atopic individuals when involved with other serum albumins from dogs and other mammals.

Product Features



Full Length
recombinant protein



Source
Canis familiaris



Expression system
E.coli



Tag
C terminal His-tag

Technical Features



Purity
Approx. 85%
using densitometry



Purification using affinity
chromatography



Molecular weight
Approx. 75 kDa



Aliases
Major allergen Can f 3,
Canis Familiaris allergen 3

Applications



R&D of novel Immuno-
globulin ELISA kits



Recombinant
Antibody Production



R&D of allergy
therapies, formula-
tions and vaccines



Allergy research and
diagnostic research



R&D of novel
Diagnostic tests