

Product Features



Full Length
recombinant protein



Source
Dermatophagoides farinae



Expression system
E.coli



Tag
C terminal His-tag

Der f 1

Catalog No: DF01-A941H

Der f 1 is an allergen found in the American house dust mite *Dermatophagoides farinae*. Biochemically, the protein belongs to the Peptidase 1 (mite) family of the enzyme, and exhibits broad cysteine protease activity. There are different forms of peptidase 1 allergens pertaining to individual mite species. Predominantly found in the fecal pellets of the American house dust mite, this major allergen has been studied for its role in triggering IgE mediated and eosinophil degranulated immune response causing lung and skin related allergic reactions.

Technical Features



Purity
Approx. 90%
using densitometry



Purification using affinity
chromatography



Molecular weight
Approx. 36 kDa



Aliases
Der f 1 allergen

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