

## Der p 21

Catalog No: DP21-A941H

The House Dust Mite (HDM) *Dermatophagoides pteronyssinus* is a major source of allergens eliciting respiratory complexities and allergic asthma. Der p 21 is a new mite allergen identified, which is spread around in the environment and air through mite fecal particles, and individuals are exposed through the respiratory tract. Der p 21 is a major allergen found in patients with IgE-mediated allergies and also showed high allergenic activity in basophil activation experimentations. The sequence homology groups Der p 21 with group 5 allergens.

### Product Features



Full Length  
recombinant protein



Source  
*Dermatophagoides pteronyssinus*



Expression system  
E.coli



Tag  
C terminal His-tag

### Technical Features



Purity  
Approx. 90%  
using densitometry



Unique product to  
SignalChem



Molecular weight  
Approx. 15 kDa



Aliases  
Mite allergen  
Der p 21.0101

### 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