

## Product Features



Full Length  
recombinant protein



Source  
*Mangifera indica*



Expression system  
Tobacco



Tag  
C terminal His-tag

## Man i 3

Catalog No: MN03-A921H

Man I 3 is a protein from the Profilin family found in the Mango fruit (*Mangifera indica*). People sensitive to mangos can suffer from skin, respiratory tract, and severe anaphylactic reactions when they consume mango. Man I 3 is profilin often observed to trigger a cross-reactivity allergic response in individuals with pollen sensitivities. This cross-reactivity phenomenon with pollens is known as latex-pollen-fruit allergy and its main cause is oral allergy syndrome. IgE reactivity and mediated allergic responses have been strongly correlated with Man I 3 profilin and its cross-reactivity with profilins from pollens.

## Technical Features



Purity  
Approx. 90%  
using densitometry



Unique product to  
SignalChem



Molecular weight  
Approx. 19 kDa



Aliases  
Profilin 1

## 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