

32-13540: Phl p 12

Alternative Name : Profilin-1, Allergen Phl p 11, Pollen allergen Phl p 12, Phl p 12, PRO1, PHLPXI.

Description

Source: Sf9 insect cells.

Sterile Filtered clear solution.

Phl p 12.0101 a profilin, is a minor grass pollen allergen which is involved in cytoskeleton mobility by interacting with actin filaments. It is well recognized that IgE binding can cause immune cross-reactivity with profilins of plant-derived foods and pollen profilin.

Recombinant Phl p 12 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 15,607 Dalton. Phl p 12 is expressed with a 10xHis tag at N-terminus and purified by proprietary chromatographic techniques.

Product Info

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| Amount : | 50 µg / 100 µg |
| Purification : | Greater than 80.0% as determined by SDS-PAGE. |
| Content : | Phl p 12 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea. |
| Storage condition : | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles. |