
Product Data Sheet

Product Name: Phl p 12
Cat. No.: GP25146
Batch No.: 1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Profilin-1; Allergen Phl p 11; Pollen allergen Phl p 12; Phl p 12; PRO1; PHLPXI.		
Formulation	Phl p 12 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.		

Introduction

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.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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