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**Recombinant purified Phl p6 Allergen** (Phleum pratense, timothy grass pollen allergen 6)

**Cat#** PHLP65-R-100

**Size:** 100 ug

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Protein name Pollen allergen Phl p 6 [Precursor]  
Synonym Phl p VI

**Description**

Phl p 6 is a recombinant protein with IgE-binding capacity. It was produced by heterologous expression in E. coli, purified by conventional biochemical methods, and lyophilized from sodium phosphate buffer (pH 7.4)

**Protein accession#** EMBL Z27082 /Swissprot P 43215

**MW:** ~11,790 Dalton

**Purity:** > 98%

**Concn:** 1 mg/ml (lot sp concn specified on the vial)

**Quality control:**

Purity has been determined on SDS-PAGE gels stained with Coomassie Brilliant Blue R-250. Phl p 6 Lot# 02 tested positive in an IgE-Immunoblot with a standardized pool of human Phl p 6-reactive sera.

**Form and Storage**

When stored at -20°C the quality of the material will be maintained for several years. However, for short periods (max. 3 weeks) the lyophilized product may be kept at room temperature. After reconstitution store at -20°C. Avoid repeated freezing/thawing.

**Suggested Uses / Reconstitution**

The material should be reconstituted with distilled water (or equivalent) or dilute buffers. Do not use salt concentrations exceeding 20 mM to dissolve the lyophilized material. Salt may be added after dissolution. Gentle agitation during dissolution is essential, afterwards incubate for 30 min to allow a complete reconstitution of the protein. If reconstituted to 1 mg/ml the product will be soluble to at least 98% and the concentration of sodium phosphate will be 3 mM

**Country of Origin:** USA

**MSDS:**

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, diagnostic, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals.

**References:** Peterson A. (1995) Int. Arch. Allergy Immunol. 108:55-59(1995).

*This product is for in vitro research use only.*  
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