

## LoTox™ Recombinant Phl p 1

**Product Code: LTR-PP1-1**

Allergen:	rPhl p 1 ( <i>Phleum pratense</i> allergen 1)
Lot No:	XXXXX
Source:	<i>E. coli</i>
Mol. Wt:	~26 kD
Purification:	Multi-step chromatographic purification. <sup>3</sup> Purity > 95 % by silver stained SDS-PAGE
Amount:	275 µg
Mol. Data:	GenBank acc. no. Z27090, 241 amino acids, Molar ext. coeff: 45340; 1.0 A <sub>280</sub> = 0.57mg/ml
Formulation:	Freeze dried in glass ampule
Reconstitution:	Reconstitute using sterile, endotoxin free PBS, pH 7.4, at a concentration up to 1mg/ml
Storage:	Store at -20 <sup>o</sup> C, before and after reconstitution
Notes:	(1) A LoTox™ product: Endotoxin <0.01 EU/µg. (2) Avoid repeated Freeze/Thaw cycles.



rPhl p 1

**Allergens are provided for research and Commercial use in vitro.**  
**Not for human in vivo or therapeutic use.**

**REFERENCES:**

1. Peterson A, Schramm G, Bufe A, Schlaak M, Becker W. Structural investigations of the major allergen Phl p 1 on the complementary DNA and protein level. *J Allergy Clin Immunol* 1995;95:987-94.
2. Mari A. Skin test with a timothy grass (*Phleum pratense*) pollen extract vs. IgE to a timothy extract vs. IgE to rPhl p 1, rPhl p 2, nPhl p 4, rPhl p 5, rPhl p 6, rPhl p 7, rPhl p 11, and rPhl p 12: epidemiological and diagnostic data. *Clin Exp Allergy* 2003;33:43-51.
3. Jutel M, Jaeger L, Suck R, et al. Allergen-specific immunotherapy with recombinant grass pollen allergens. *J Allergy Clin Immunol* 2005;116:608-13.