

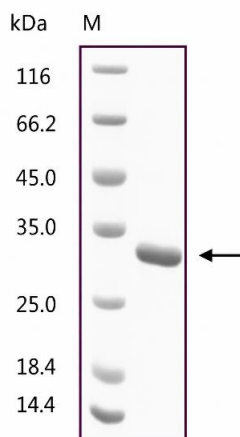
SPECIFICATION SHEET

Product Name: Phl p 1
Catalog # PP01-A22H

Product Description: Recombinant *Phleum pratense* allergen Phl p 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Alternative Names : Group 1 grass pollen allergen, timothy grass group 1 allergen
Source : *Phleum pratense* (common timothy)
Accession Numbers : Genbank: [CAA81613](https://www.ncbi.nlm.nih.gov/nuclot/CAA81613)
 UniProt: [Q40967](https://www.uniprot.org/uniprot/Q40967)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 400 mM NaCl, 10 % Glycerol, pH 7.5
Molecular Weight : Calculated: 26.9 kDa
 Observed: ~28.0 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Valenta R, et al. Diagnosis of grass pollen allergy with recombinant timothy grass (*Phleum pratense*) pollen allergens. *Int Arch Allergy Immunol.* 1992;97(4):287-94.
2. Suck R. et al. Rapid and efficient purification of *Phleum pratense* major allergens Phl p 1 and group Phl p 2/3 using a two-step procedure. *Journal of Immunological Methods.* 1999;229(1-2): 73-80

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