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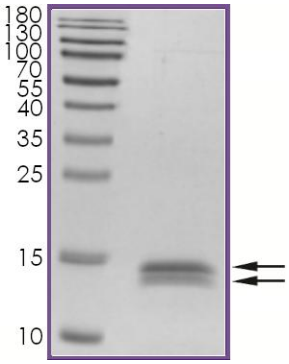
SPECIFICATION SHEET

Product Name: Phl p 2 — Catalog # PP01-A951H

Product Description: Recombinant *Phleum pratense (Common timothy)* allergen Phl p 2 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.

Data for a Sample Lot:

Alternate Names	: Pollen allergen Phl p 2, Allergen Phl p II
Source	: *Phleum pratense (Common timothy)*
Accession Numbers	: Genbank: X75925 UniProt: P43214
Host	: E. coli
Formulation	: Recombinant protein stored in 1x PBS, 5% trehalose solution
Molecular weight	: Calculated: ~12.2 kDa Observed: ~15 kDa
Concentration	: 6.95 µg/µl
Purity	: The purity was determined to be >80% by densitometry
Gel Image	

References

1. Dolecek C, et al: Molecular characterization of Phl p II, a major timothy grass (Phleum pratense) pollen allergen. FEBS Lett. Dec 13;335(3):299-304, 1993.
2. Niederberger V, et al: IgE antibodies to recombinant pollen allergens (Phl p 1, Phl p 2, Phl p 5, and Bet v 2) account for a high percentage of grass pollen-specific IgE. J Allergy Clin Immunol. Feb;101(2 Pt 1):258-64, 1998.