

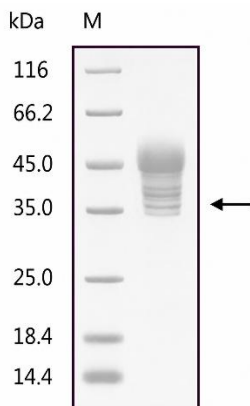
SPECIFICATION SHEET

Product Name: Phl p 5
Catalog # PP05-A22H

Product Description: Recombinant *Phleum pratense* allergen Phl p 5 was expressed in *HEK293 Cells* 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	: Grass pollen allergen Group 5, Group 5 grass pollen allergen
Source	: <i>Phleum pratense</i> (common timothy)
Accession Numbers	: Genbank: CAA52753 UniProt: Q40960
Host	: <i>HEK293 Cells</i>
Formulation	: Protein stored in PBS, pH 7.4
Molecular Weight	: Calculated: 32.0 kDa Observed: ~35.0 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. Göbl C, et al. Flexible IgE epitope-containing domains of Phl p 5 cause high allergenic activity. *J Allergy Clin Immunol.* 2017 Oct;140(4):1187-1191.

Version: 1.0