

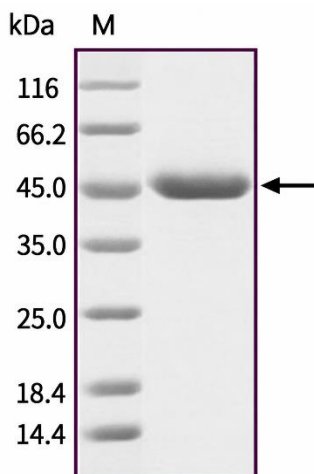
SPECIFICATION SHEET

Product Name: Pla a 2
Catalog #PA02-A22H

Product Description: Recombinant *Platanus acerifolia* allergen Pla a 2 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	: Polygalacturonase (PG)
Source	: <i>Platanus acerifolia</i> (London plane tree)
Accession Numbers	: Genbank: CAE52833 UniProt: Q6H9K0
Host	: <i>HEK293 Cells</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, 10% Glycerol, pH 7.4
Molecular Weight	: Calculated: 43.0 kDa Observed: ~45.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Ibarrola I, et al. Identification of a polygalacturonase as a major allergen (Pla a 2) from *Platanus acerifolia* pollen. *J Allergy Clin Immunol.* 2004 Jun;113(6):1185-91.
2. Wang DW, et al. Expression, purification and epitope analysis of Pla a 2 allergen from *Platanus acerifolia* pollen. *Mol Med Rep.* 2018 Jan;17(1):394-399.