

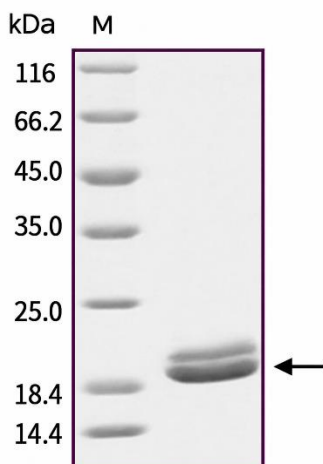
SPECIFICATION SHEET

Product Name: Pla a 1
Catalog # PA01-A22H

Product Description: Recombinant *Platanus acerifolia* allergen Pla a 1 was expressed in *P. pastoris* 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	: Putative invertase inhibitor, pollen allergen Pla a 1
Source	: <i>Platanus acerifolia</i> (London plane tree)
Accession Numbers	: Genbank: CAD20556 UniProt: Q8GT41
Host	: <i>P. pastoris</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, pH 8.0
Molecular Weight	: Calculated: 17.3 kDa Observed: ~18.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Asturias JA, et al. Purification and characterization of Pla a 1, a major allergen from *Platanus acerifolia* pollen. *Allergy*. 2002 Mar;57(3):221-7.
2. Asturias JA, et al. The major *Platanus acerifolia* pollen allergen Pla a 1 has sequence homology to invertase inhibitors. *Clin Exp Allergy*. 2003 Jul;33(7):978-85