

SPECIFICATION SHEET

Product Name: Pla a 3
Catalog # PA03-A22H

Product Description: Recombinant *Platanus acerifolia* allergen Pla a 3 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 : Plane tree pollen lipid transfer protein (LTP), plane pollen nsLTP

Source : *Platanus acerifolia* (London plane tree)

Accession Numbers : Genbank: [ALF39466](#)
 UniProt: [A0A0N9E6M0](#)

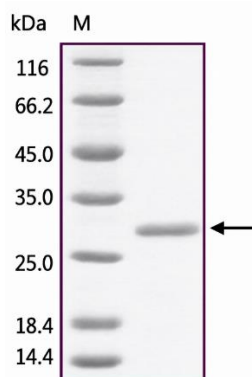
Host : *E. coli*

Formulation : Protein stored in 20 mM Tris, 200 mM NaCl, pH 7.4

Molecular Weight : Calculated: 22.1 kDa
 Observed: ~27.0 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Lauer I, et al. Identification of a plane pollen lipid transfer protein (Pla a 3) and its immunological relation to the peach lipid-transfer protein, Pru p 3. Clin Exp Allergy. 2007 Feb;37(2):261-9.
2. Wangorsch A, et al. Molecular cloning of plane pollen allergen Pla a 3 and its utility as diagnostic marker for peach associated plane pollen allergy. Clin Exp Allergy. 2016 May;46(5):764-74.

Version: 1.0