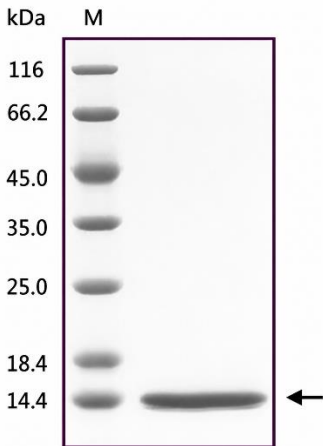


SPECIFICATION SHEET

Product Name: Pop n 2
Catalog # PN02-A22H

Product Description: Recombinant *Populus nigra* allergen Pop n 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.

Alternative Names	: Profilin from black polar
Source	: <i>Populus nigra</i> (black poplar)
Accession Numbers	: Genbank: Q1D21357 UniProt: A0A6G6A164
Host	: <i>E. coli</i>
Formulation	: Protein store in 20 mM Tris, 500 mM NaCl, 200 mM Arg, 10% Glycerol, pH 7.5
Molecular Weight	: Calculated: 14.9 kDa Observed: ~14.5 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	

References

1. Shams MH, et al. Molecular and immunochemical characterization of Pop n 2: A new allergen of *Populus nigra* pollen. Clin Exp Allergy. 2021 Dec;51(12):1613-1623.