

SPECIFICATION SHEET

Product Name: Pru av 1
Catalog # PAV01-A32H

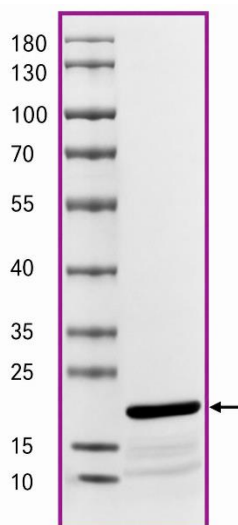
Product Description: Recombinant *Prunus avium* (Cherry) allergen Pru av 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles, aliquot product into smaller quantities.

Data for a Sample Lot:

Alternative Names : Pathogenesis-related protein, PR-10, Bet v 1 family member
Source : *Prunus avium* (Cherry)
Accession Numbers : Genbank: [U66076](#)
 UniProt: [Q24248](#)
Host : *E. coli*
Formulation : Protein stored in 1X PBS, 5% trehalose solution
Molecular Weight : Calculated: 18.8 kDa
 Observed: ~19 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Scheurer S, et al. Molecular cloning, expression and characterization of Pru a 1, the major cherry allergen. *Mol Immunol.* 1997 Jun;34(8-9):619-29.
2. Neudecker P, et al. Allergic cross-reactivity made visible: solution structure of the major cherry allergen Pru av 1. *J Biol Chem.* 2001 Jun 22;276(25):22756-63.