

## SPECIFICATION SHEET

**Product Name:** Man i 2

**Catalog #** MN02-A31H

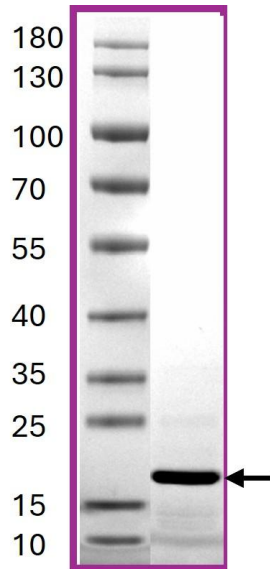
**Product Description:** Recombinant *Mangifera indica* allergen, Man i 2, was expressed in *E. Coli* and purified using a His tag.

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

### Data for a Sample Lot:

**Alternative Name** : PR-10 protein, Bet v 1-related protein  
**Source** : *Mangifera indica* (Mango)  
**Accession Numbers** : Genbank: [OK136961](https://www.ncbi.nlm.nih.gov/nuclot/OK136961)  
**Host** : *E. Coli*  
**Formulation** : Protein stored in 1X PBS, 5% trehalose solution  
**Molecular Weight** : Calculated: 19.3 kDa  
Observed: ~19 kDa  
**Purity** : The purity was determined to be ≥ 90% by densitometry

### Gel Image



### References

1. Zhao L. et al: Molecular characterization of allergens and component-resolved diagnosis of IgE-mediated mango fruit allergy. *Allergy*. 2023 Jun;78(6):1699-1703. *Allergy*. 2023 Jun;78(6):1699-1703.