

SPECIFICATION SHEET

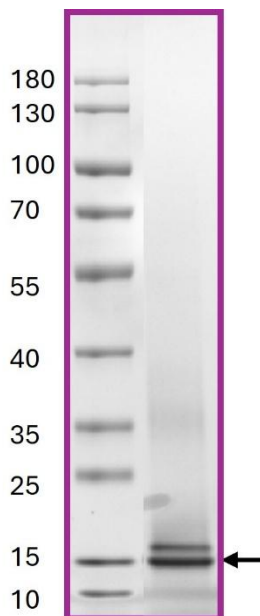
Product Name: Mus a 1
Catalog # MA01-A32H

Product Description: Recombinant *Musa acuminata* allergen Mus a 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.

Alternative Names : Banana Profilin
Source : *Musa acuminata* (Banana, *Musa cavendishii*)
Accession Numbers : Genbank: [AF377948](https://www.ncbi.nlm.nih.gov/nuclot/AF377948)
 UniProt: [Q94JN3](https://www.uniprot.org/uniprot/Q94JN3)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 15.1 kDa
 Observed: ~15 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Asero R, et al. Heterogeneity of banana allergy: Characterization of allergens in banana-allergic patients. *Annals of Allergy, Asthma & Immunology*. 2002;89(5):513-516.
2. Palacín A, et al. Sensitization profiles to purified plant food allergens among pediatric patients with allergy to banana. *Pediatric Allergy and Immunology*. 2011;22(2):186-195.