

SPECIFICATION SHEET

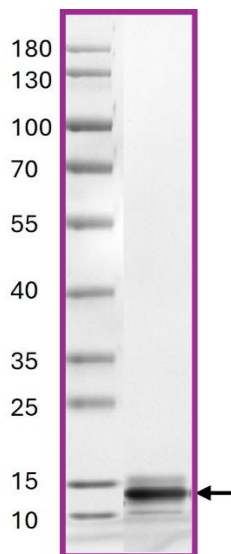
Product Name: Amb a 9
Catalog # AA09-A32H

Product Description: Recombinant *Ambrosia artemisiifolia* allergen Amb a 9 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 : Polcalcin
Source : *Ambrosia artemisiifolia* (Common ragweed)
Accession Numbers : Genbank: [AY894657](https://www.ncbi.nlm.nih.gov/nuclot/AY894657)
 UniProt: [Q2KN27](https://www.uniprot.org/uniprot/Q2KN27)
Host : *E. coli*
Formulation : Protein stored in 1X PBS, 5% trehalose solution
Molecular Weight : Calculated: 10.6 kDa
 Observed: ~12.5 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Zbircea LE, et al. Cross-Reactivity of Ragweed Pollen Calcium-Binding Proteins and IgE Sensitization in a Ragweed-Allergic Population from Western Romania. *Adv Respir Med*. 2024 May 30;92(3):218-229.
2. Cheng ZL, et al. Global Ragweed Allergy: Molecular Allergens and Integrated Control Strategies. *J Asthma Allergy*. 2025 Mar 12; 18:403-416.