

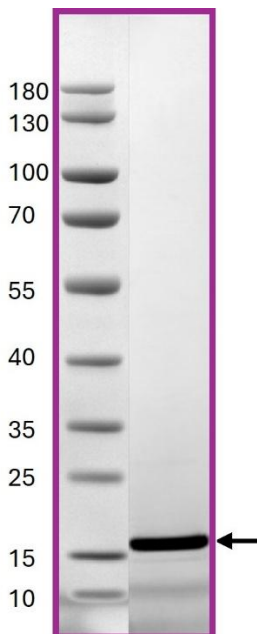
SPECIFICATION SHEET

Product Name: Amb t 8**Catalog # AT08-A32H**

Product Description: Recombinant *Ambrosia trifida* allergen Amb t 8 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 : Giant ragweed profilin
Source : *Ambrosia trifida* (giant ragweed)
Accession Numbers : Genbank: [MW022210](https://www.ncbi.nlm.nih.gov/nuclot/MW022210)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 15.4 kDa
Observed: ~16 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image**References**

1. Cheng ZL, et al. Global Ragweed Allergy: Molecular Allergens and Integrated Control Strategies. J Asthma Allergy. 2025 Mar 12;18:403-416.