

SPECIFICATION SHEET

Product Name: Art an 4
Catalog # AA04-A32H

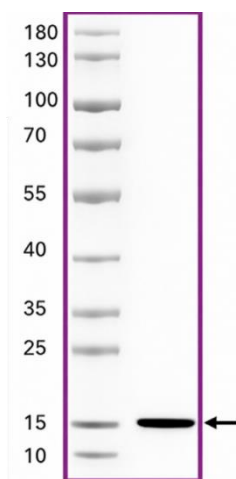
Product Description: Recombinant *Artemisia annua* (Sweet wormwood) allergen Art an 4 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

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	: Profilin
Source	: <i>Artemisia annua</i> (Sweet wormwood)
Accession Numbers	: Genbank: OK317297
Host	: <i>E. coli</i>
Formulation	: Protein stored in 1X PBS, 5% trehalose solution
Molecular Weight	: Calculated: 15.4 kDa Observed: ~15 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Fan J, et al. Evolution of IgE sensitization profiles to *Artemisia* pollen allergens in the allergic pediatric population. *World Allergy Organ J.* 2026 Apr 29;19(5):101391.
2. Wang M., et al., Immunoproteomic analysis and identification of possible allergenic proteins in *Artemisia annua* pollen. *International Immunopharmacology*, 2025, 146(27): 113837.