

SPECIFICATION SHEET

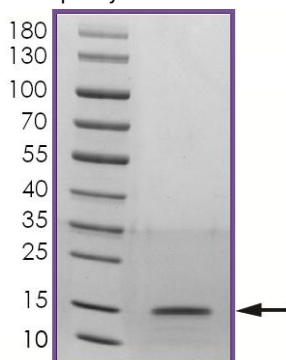
Product Name: Art v 4
Catalog # AV04-A32H

Product Description: Recombinant *Artemisia vulgaris* allergen, Art v 4, was expressed in *Nicotiana benthamiana* and purified 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:

Alternate Names : Profilin-1, Pollen allergen Art v 4.01, Art v 4.01
Source : *Artemisia vulgaris* (Mugwort)
Accession Numbers : Genbank: [AJ421030](#)
 UniProt: [Q8H2C9](#)
Host : *Nicotiana benthamiana* (Tobacco)
Formulation : Protein stored in 1X PBS solution
Molecular weight : Calculated: 17 kDa
 Observed: ~16 kDa
Purity : The purity was determined to be >90% by densitometry
Gel Image



References

1. Wopfner N, et al: Molecular and immunological characterization of profilin from mugwort pollen. Biol Chem. Nov;383(11):1779-89, 2002.
2. Offermann LR, et al: Structural, Functional, and Immunological Characterization of Profilin Panallergens Amb a 8, Art v 4, and Bet v 2. J Biol Chem. Jul 22;291(30):15447-59, 2016.