

SPECIFICATION SHEET

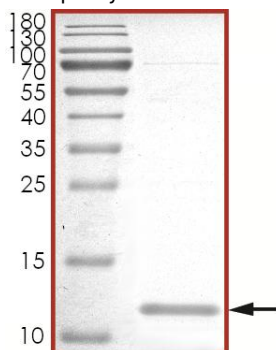
Product Name: Art v 3.02
Catalog # AV02-A921H

Product Description: Recombinant full-length *Artemisia vulgaris* allergen Art v 3.02 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:

Alternate Names : Non-specific lipid-transfer protein, Art v 3
Source : *Artemisia vulgaris*
Accession Numbers : Genbank: [EU564845.1](#)
 UniProt: [C4MGG9](#)
Host : *E. coli*
Formulation : Recombinant protein stored in 1 X PBS solution.
Molecular weight : Calculated: 11.2 kDa
 Observed: ~12 kDa
Purity : The purity was determined to be >90% by densitometry
Gel Image



References

1. Gadermaier G, et al: Isoform identification and characterization of Art v 3, the lipid-transfer protein of mugwort pollen. Mol. Immunol. 46:1919-1924, 2009
2. Wildner S, et al: Boiling down the cysteine-stabilized LTP fold - loss of structural and immunological integrity of allergenic Art v 3 and Pru p 3 as a consequence of irreversible lanthionine formation. Int. Arch. Allergy Appl. Immunol. 116:140-150, 2019.