

SPECIFICATION SHEET

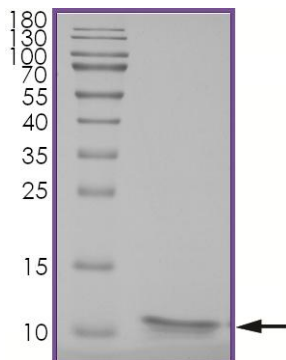
Product Name: Art v 5**Catalog # AV05-A921H**

Product Description: Recombinant *Artemisia vulgaris* allergen Art v 5 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	: Polcalcin
Source	: <i>Artemisia vulgaris</i> (Mugwort)
Accession Numbers	: Genbank: AY904434.1 UniProt: A0PJ17
Host	: <i>E. coli</i>
Formulation	: Recombinant protein stored in 1 X PBS solution.
Molecular weight	: Calculated: 10.1 kDa Observed: ~11 kDa
Purity	: The purity was determined to be >90% by densitometry
Gel Image	

**References**

1. Wopfner N, Gruber P, Wallner M, Briza P, Ebner C, Mari A, Richter K, Vogel L, Ferreira F. Molecular and immunological characterization of novel weed pollen pan-allergens. *Allergy*. 2008 Jul;63(7):872-81. doi: 10.1111/j.1398-9995.2008.01635.x. PMID: 18588553.