

SPECIFICATION SHEET

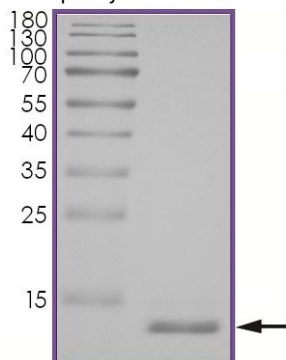
Product Name: Ana c 1
Catalog # AC01-A921H

Product Description: Recombinant *Ananas comosus* allergen Ana c 1 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 : Profilin, Minor food allergen Ana c 1
Source : *Ananas comosus* (Pineapple)
Accession Numbers : Genbank: [AF377949.1](https://www.ncbi.nlm.nih.gov/nuclot/AF377949.1)
 UniProt: [Q94JN2](https://www.uniprot.org/uniprot/Q94JN2)
Host : *E. coli*
Formulation : Protein stored in 1x PBS, 3% sucrose solution
Molecular weight : Calculated: 15.3 kDa
 Observed: ~13 kDa
Purity : The purity was determined to be >95% by densitometry
Gel Image



References

1. Reindl J, Rihs HP, Scheurer S, Wangorsch A, Haustein D, Vieths S. IgE reactivity to profilin in pollen-sensitized subjects with adverse reactions to banana and pineapple. *Int Arch Allergy Immunol.* 2002 Jun;128(2):105-14. doi: 10.1159/000059400. PMID: 12065910.