

SPECIFICATION SHEET

Product Name: Ana c 1
Catalog # AC01-A922H

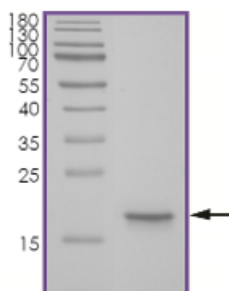
Product Description: Recombinant Ananas comosus allergen Ana c 1 was expressed in *N. benthamiana* with a His tag and purified by a combination of affinity and ion exchange chromatography.

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	: <i>Ananas comosus</i> (pineapple)
Accession Numbers	: GenBank: AF377949.1 UniProt: Q94JN2
Host	: <i>Nicotiana benthamiana</i> (tobacco)
Formulation	: Recombinant protein stored in 10 mM sodium phosphate, pH 7.2, 150 mM NaCl, 25 mM KCl solution
Molecular Weight	: Calculated: 17.3 kDa Observed: ~17 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Reindl J, Rihs HP, Scheurer S, Wangorsch A, Hausteiner 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):105-114. doi: 10.1159/000059400. PMID: 12065910.