

SPECIFICATION SHEET

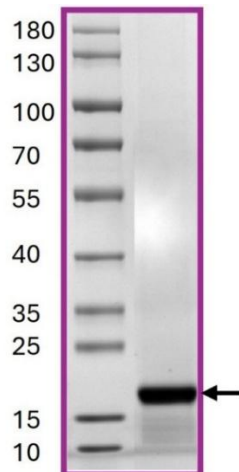
Product Name: Act c 8**Catalog # AC08-A31H**

Product Description: Recombinant *Actinidia chinensis* allergen Act c 8 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 diluted product into smaller quantities.

Data for a Sample Lot:

Alternative Names : Pathogenesis-related protein, PR-10
Source : *Actinidia chinensis* (Gold Kiwi fruit)
Accession Numbers : Genbank: [AM489567](https://www.ncbi.nlm.nih.gov/nuclot/AM489567)
UniProt: [D1YSM4](https://www.uniprot.org/uniprot/D1YSM4)
Host : *E. coli*
Formulation : Protein stored in 1X PBS, 5% trehalose solution
Molecular Weight : Calculated: 18.6 kDa
Observed: ~18 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image**References**

1. Zeindl R, Tollinger M. NMR resonance assignments of the PR-10 allergens Act c 8 and Act d 8 from golden and green kiwifruit. *Biomol NMR Assign.* 2021 Oct;15(2):367-371.
2. Zeindl R, et al. Structural Basis of the Immunological Cross-Reactivity between Kiwi and Birch Pollen. *Foods* 2023, 12(21), 3939.