
Recombinant Actinidia Deliciosa (Kiwi) Act d 5 Protein

Catalog Number: 230-00058

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/25/2024

Source

Species	Actinidia deliciosa (Kiwi)
Accession Number	P84527
Gene Symbols	Act d 5
Synonyms	Act d 5, Kiwellin.
Expressed Region	Ile1-Ala189

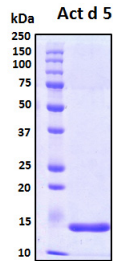
Preparation

Expression System	E. coli
Tag	N-terminal histidine tag
Purity	>95%
Molecular Weight	21 kDa (the actual purified protein band is ~14 kDa, smaller than expected for some unknown reasons. DNA construct sequencing is correct.)

Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.45 µm filtered solution in 1x PBS (pH 7.4).
Concentration	Determined by Pierce BCA protein assay kit
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water.

SDS-PAGE Image



Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer.
- Generally, the shelf life is up to 12 months from date of receipt at -20°C or -80°C under sterile conditions.
- Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots at -20°C or -80°C.