
Recombinant *Alternaria Alternata* Alt a 7 Protein

Catalog Number: 230-00929

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/26/2024

Source

Species	<i>Alternaria alternata</i>
Accession Number	P42058
Gene Symbols	Alt a 7
Synonyms	Alt a 7, Minor allergen Alt a 7, Allergen Alt a VII.
Expressed Region	Ala2-Gln204

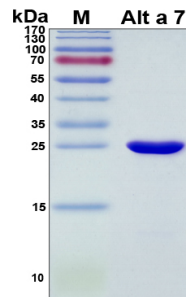
Preparation

Expression System	<i>E. coli</i>
Tag	N-terminal histidine tag
Purity	>95%
Molecular Weight	23 kDa

Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.45 µm filtered solution in 20 mM Tris-HCl (pH 8.0), 50 mM NaCl.
Concentration	Determined by Bio-Rad protein assay dye reagent concentrate.
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.