

SPECIFICATION SHEET

Product Name: Alt a 1
Catalog # AG01-A921H

Product Description: Recombinant *Alternaria alternata* allergen Alt a 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 : Major allergen Alt a 1

Source : *Alternaria alternata*

Accession Numbers : Genbank: [AY117038.1](#)
 UniProt: [Q8NJ79](#)

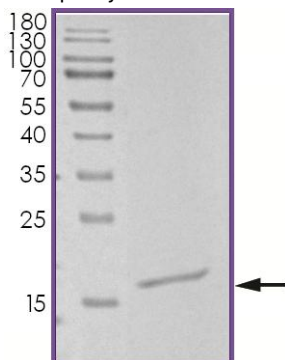
Host : *E. coli*

Formulation : Recombinant protein stored in 1 X PBS solution.

Molecular weight : Calculated: 18.8 kDa
 Observed: ~18 kDa

Purity : The purity was determined to be >90% by densitometry

Gel Image



References

1. Chruszcz M, et al: *Alternaria alternata* allergen Alt a 1: a unique beta-barrel protein dimer found exclusively in fungi. *J. Allergy Clin. Immunol.* 130:241-7, 2012.
2. Gomez-Casado C, et al: Alt a 1 from *Alternaria* interacts with PR5 thaumatin-like proteins. *FEBS Lett* 588:1501-8, 2014