

SPECIFICATION SHEET

Product Name: Aln g 1
Catalog # AG01-A921H

Product Description: Recombinant *Alnus glutinosa* allergen Aln g 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 pollen allergen Aln g 1, Allergen Aln g I

Source

: *Alnus glutinosa* (black alder)

Accession Numbers

: GenBank: [S50892.1](#)

UniProt: [P38948](#)

Host

: *E. coli*

Formulation

: Protein stored in 1x PBS, 5% sucrose, 5% trehalose solution

Molecular Weight

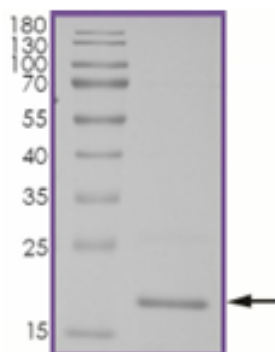
: Calculated: 18.4 kDa

Observed: ~18 kDa

Purity

: The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Breiteneder H, Ferreira F, Reikerstorfer A, Duchene M, Valenta R, Hoffmann-Sommergruber K, Ebner C, Breitenbach M, Kraft D, Scheiner O. Complementary DNA cloning and expression in *Escherichia coli* of Aln g I, the major allergen in pollen of alder (*Alnus glutinosa*). *J Allergy Clin Immunol*. 1992 Dec;90(6 Pt 1):909-917. doi: 10.1016/0091-6749(92)90463-C. PMID: 1460197.