

SPECIFICATION SHEET

Product Name: Aln g 4

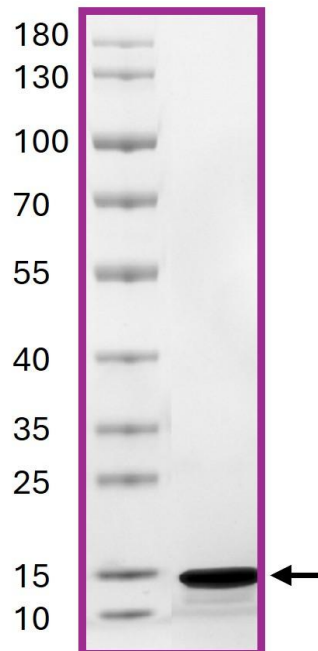
Catalog # AG04-A32H

Product Description: Recombinant *Alnus glutinosa* allergen, Aln g 4, 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:

Alternate Names : Calcium-binding pollen allergen Aln g 4
Source : *Alnus glutinosa* (European alder)
Accession Numbers : Genbank: [Y17713](https://www.ncbi.nlm.nih.gov/nuclot/Y17713)
Host : *E. coli*
Formulation : Protein stored in 1x PBS, 5% trehalose solution
Molecular weight : Calculated: ~10.7 kDa
Observed: ~15 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):909-17. doi: 10.1016/0091-6749(92)90463-c. PMID: 1460197.