

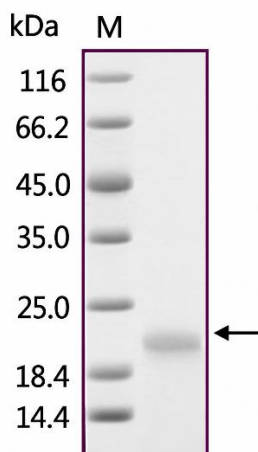
SPECIFICATION SHEET

Product Name: Cor a 14
Catalog #CA14-A22H

Product Description: Recombinant *Corylus avellana* allergen Cor a 14 was expressed in *P. pastoris* 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.

Alternative Names : 2S albumin
Source : *Corylus avellana* (hazelnut)
Accession Numbers : Genbank: [AC056333](#)
 UniProt: [D0PWG2](#)
Host : *P. pastoris*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, pH 8.0
Molecular Weight : Calculated: 15 kDa
 Observed: ~19 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Giannetti A., et al. Natural History of Hazelnut Allergy and Current Approach to Its Diagnosis and Treatment. *Children* 2023, 10, 585.
2. Eller E., et al. Cor a 14 is the superior serological marker for hazelnut allergy in children, independent of concomitant peanut allergy.

Version: 1.0