

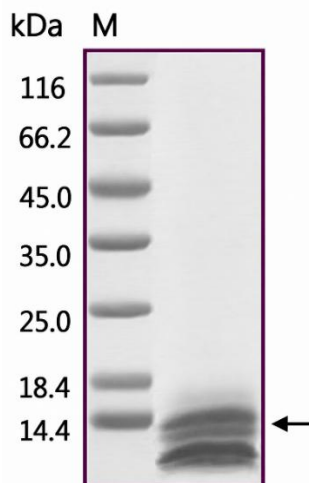
SPECIFICATION SHEET

Product Name: Cor a 8
Catalog #CA08-A22H

Product Description: Recombinant *Corylus avellana* allergen Cor a 8 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 : Allergen Cor a 8
Source : *Corylus avellana* (hazelnut)
Accession Numbers : Genbank: [AF329829](#)
 UniProt: [Q9ATH2](#)
Host : *P. pastoris*
Formulation : Protein stored in 20 mM Tris, 50 mM NaCl, pH 7.4
Molecular Weight : Calculated: 9.0 kDa
 Observed: ~10.0 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. Pastorello, E.A., et al. The Severity and Frequency of Systemic Reactions to Hazelnut Are Significantly Higher in Hazelnut Allergic Patients Monosensitized to Cor a 8. *International Archives of Allergy and Immunology*. 2024;185(6):547-554.

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