

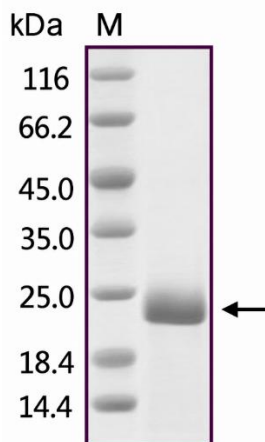
SPECIFICATION SHEET

Product Name: Cor a 1
Catalog # CA01-A22H

Product Description: Recombinant *Corylus avellana* allergen Cor a 1 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	: Hazel pollen major allergen, Bet v 1-like protein, PR-10 protein, fagales group I allergen
Source	: <i>Corylus avellana</i> (hazelnut)
Accession Numbers	: Genbank: CAA50327 UniProt: Q08407
Host	: <i>P. pastoris</i>
Formulation	: Protein stored in 20 mM Tris, 300 mM NaCl, pH 7.4
Molecular Weight	: Calculated: 18.8 kDa Observed: ~20.0 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Breiteneder H, et al. Eight genes code for potentially allergenic isoforms of the major hazel pollen allergen, Cor a I. *Journal of Allergy and Clinical Immunology*. 1993;91(5):1003-1010.
2. Lüttkopf D, et al. Comparison of four variants of a major allergen in hazelnut (*Corylus avellana*) Cor a 1.04 with the major hazel pollen allergen Cor a 1.01. *Mol Immunol*. 2002;38(7):515-525.

Version: 1.0