

Recombinant Cor a 8.0101

Product Code: RP-CA8-1

Allergen: rCor a 8.0101 (*Corylus avellana* allergen 8.0101)

Lot No: **xxxxx**

Source: nLTP from hazelnut expressed in *Pichia pastoris*

Mol. Wt: 9 kD

Purification: Purified from *Pichia pastoris* culture by multi-step HPLC. Purity > 95 % by silver stained SDS-PAGE.

Concentration: See product insert.

Formulation: Preservative and carrier-free in PBS, pH 7.4. Filtered through 0.22µm filter.

Storage: Store at -20°C. Avoid repeated freeze-thaw cycles.

Notes: (1) rCor a 8 runs as doublet.
 (2) rCor a 8 has a C-terminal 6xHis-tag.
 (3) A putative N-glycosylation site was silenced (N33Q).
 Recombinant Cor a 8 is an Inbio™ product.



rCor a 8

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Offermann et al. Structural and Functional Characterization of the Hazelnut Allergen Cor a 8. J Agric Food Chem. 2015 ;63 (41):9150-8.
2. Schocker F et al. Recombinant lipid transfer protein Cor a 8 from hazelnut: a new tool for in vitro diagnosis of potentially severe hazelnut allergy. J Allergy Clin Immunol. 2004;113(1):141-7.
3. Hansen KS. Component-resolved in vitro diagnosis of hazelnut allergy in Europe. J Allergy Clin Immunol. 2009;123(5):1134-41.