



Recombinant *Corylus avellana* Cor a 14.0101 [His] (DAG-WT168)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Recombinant allergen <i>Corylus avellana</i> Cor a 14.0101. Full-length cDNA coding for Cor a 14.0101 fused to a hexa-histidine purification tag |
| Purity | >80% as determined by SDS-PAGE |
| Conjugate | His |
| Applications | Immunoassays |
| Molecular Weight | 14kDa |
| Format | Liquid |
| Size | 1 mg |
| Buffer | Neutral to slightly alkaline pH and 20% glycerol |
| Preservative | None |
| Storage | Store at -70°C or below. Avoid freeze / thaw cycles |

BACKGROUND

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| Introduction | Seed storage proteins have been identified as major allergens in several other tree nuts and peanut. 2S albumin Cor a 14.0101 is an abundant seed storage protein in hazelnut. Sensitization to Cor a 14.0101 has been shown to be a risk marker for severe allergic reactions, especially in children. |
| Keywords | 2S albumin; Cor a 14.0101; <i>Corylus avellana</i> ; Hazelnut allergen |