

SPECIFICATION SHEET

Product Name: Ole e 3
Catalog # OE03-A32H

Product Description: Recombinant *Olea europaea* (Common olive) allergen Ole e 3 was expressed in *E. Coli* 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 : Polcalcin, pollen-specific calcium-binding protein, EF-hand Ca²⁺-binding protein

Source : *Olea europaea* (Common olive)

Accession Numbers : GenBank: [AF015810](#)
 UniProt: [Q81092](#)

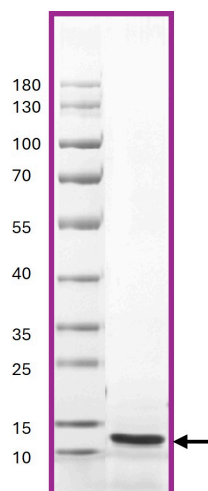
Host : *E. Coli*

Formulation : Protein stored in 1x PBS, 5% trehalose solution

Molecular Weight : Calculated: 10.5 kDa
 Observed: ~12.5 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Ledesma A, et al. Molecular cloning and expression of active Ole e 3, a major allergen from olive-tree pollen and member of a novel family of Ca²⁺-binding proteins (polcalcins) involved in allergy. Eur J Biochem. 1998 Dec 1;258(2):454-9.
2. Batanero E, et al. Ole e 3, an olive-tree allergen, belongs to a widespread family of pollen proteins. Eur J Biochem. 1996 Nov 1;241(3):772-8.

Version #: 1.0

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