

Recombinant Ole e 1

Product Code: RP-OE1-1

Allergen: rOle e 1 (*Olea europea* allergen 1)

Lot No: **XXXXX**

Source: *Pichia pastoris*

Mol. Wt: ~19kD and ~17kD. See silver stained SDS-PAGE gel on right.

Purification: Purified from *Pichia pastoris* culture by HPLC gel filtration

Concentration: See product insert.

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

Storage: Store at -20°C

Notes: 1) rOle e 1 produced in *Pichia pastoris* has been observed to have two bands in the SDS-PAGE gel; a higher glycosylated band at ~19kD and a lower deglycosylated band at ~17kD.
2) Not tested for endotoxin.
3) Avoid repeated freeze/thaw cycles.



rOle e 1

Allergens are provided for research and commercial use in vitro:
Not for human in vivo or therapeutic use.

REFERENCES:

1. Villalba M, Batanero E, Monsalve RI, de González la Peña MA, Lahoz C, Rodríguez R. Cloning and expression of Ole e 1, the major allergen from olive tree pollen. Polymorphism analysis and tissue specificity. J. Biol. Chem. 1994;269:15217-22.
2. Hueccas S, Villalba M, González E, Martínez-Ruiz A, Rodríguez R. Production and detailed characterization of biologically active olive pollen allergen Ole e 1 secreted by the yeast *Pichia pastoris*. Eur. J. Biochem. 1999;261:539-545.