

Recombinant Pru p 3.0102

Product Code: RP-PP3-1

Allergen: rPru p 3.0102 (*Prunus persica* allergen 3.0102)

Lot No: **xxxxx**

Source: nsLTP from peach expressed in *Pichia pastoris*

Mol. Wt: 10 kD; under reducing conditions

Purification: Purified from *Pichia pastoris* 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) rPru p 3 has a C-terminal 6xHis-tag.



rPru p 3

An InBio™ product

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Diaz-Perales A et al. cDNA cloning and heterologous expression of the major allergens from peach and apple belonging to the lipid-transfer protein family. *Clin Exp Allergy*. 2002;32(1):87-92.
2. Díaz-Perales A et al. Recombinant Pru p 3 and natural Pru p 3, a major peach allergen, show equivalent immunologic reactivity: a new tool for the diagnosis of fruit allergy. *J Allergy Clin Immunol*. 2003;111(3):628-33.
3. Cubells-Baeza N et al. Identification of the ligand of Pru p 3, a peach LTP. *Plant Mol Biol*. 2017 Mar 15.
4. Pasquato N et al. Crystal structure of peach Pru p 3, the prototypic member of the family of plant non-specific lipid transfer protein pan-allergens. *J Mol Biol*. 2006; 356(3):684-94.