

## Recombinant Ves v 1.0101

**Product Code: RP-VV1-1**

Allergen: rVes v 1.0101 (*Vespula vulgaris* allergen 1.0101)

Lot No: **XXXX**

Source: *Pichia pastoris*

Mol. Wt: 35 kD with dimer 70 kD.

Purification: Purified from *Pichia pastoris* by multi-step chromatography.  
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) rVes v 1 has a N-terminal 6xHis-tag.  
(2) rVes v 1 has a mutation (H229A) in the active site.  
(3) rVes v 1 appears as 35kD monomer and 70kD dimer on SDS-PAGE.



rVes v 1

**An InBio® Product**

**For Research Use Only: Not for Diagnostic or Therapeutic Use**

**REFERENCES:**

1. Ollert M, Blank S. Anaphylaxis to Insect Venom Allergens: Role of Molecular Diagnostics. *Curr Allergy Asthma*. 2015, 15:26.
2. Müller U, Schmid-Grendelmeier P, Hausmann O, Helbling A. IgE to Recombinant Allergens Api m 1, Ves v 1, and Ves v 5 Distinguish Double Sensitization from Crossreaction in Venom Allergy. *Allergy*. 2012 Aug;67(8):1069-73.
3. Seismann H, Blank S, Cifuentes L, Braren I, Bredehorst R, Gunwald T et al. Recombinant Phospholipase A1 (Ves v 1) from Yellow Jacket Venom for Improved Diagnosis of Hymenoptera Venom Hypersensitivity. *Clin Mol Allergy* 2010;8:7.
4. Monsalve RI, Vega A, Marques L, Miranda A, Fernandez J, Soriano V et al. Component-resolved Diagnosis of Vespidae Venom-allergic Individuals: Phospholipases and Antigen 5S are Necessary to Identify *Vespula* or *Polistes* Sensitization. *Allergy* 2012; 67: 528-536.