

## Recombinant Ves v 5.0101

**Product Code: RP-VV5-1**

Allergen: rVes v 5.0101 (*Vespula vulgaris* allergen 5.0101)

Lot No: **XXXX**

Source: *Pichia pastoris*

Mol. Wt: 24 kD.

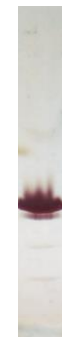
Purification: Purified from *Pichia pastoris* by multi-step chromatography.  
Purity > 95 % by silver stained SDS-PAGE.

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 5 has a N-terminal 6xHis-tag.



rVes v 5

**An InBio<sup>®</sup> 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. Ebo DG, Faber M, Sabato V, Leysin J, Bridts CH, De Clerck LS. Component-resolved Diagnosis of Wasp (Yellow Jacket) Venom Allergy. *Clinical & Experimental Allergy* 2012;43:255-261.
4. Suck R, Weber B, Kahlert H, Hagen S, Cromwell O, Fiebig H. Purification and Immunobiochemical Characterization of Folding Variants of the Recombinant Major Wasp Allergen Ves v 5 (Antigen 5). *Int Arch Allergy Immunol* 2000;121:284-291.