

## Recombinant Pol d 5

**Product Code: RP-PD5-1**

Allergen:	rPol d 5 ( <i>Polistes dominulus</i> allergen 1.0101)
Lot No:	<b>XXXXX</b>
Source:	<i>Pichia pastoris</i>
Mol. Wt:	24 kD
Purification:	Purified from <i>Pichia pastoris</i> 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) Avoid repeated freeze-thaw cycles. (2) rPol d 5 has a N-terminal 6xHis-tag.



rPol d 5

**An InBio<sup>®</sup> Product**

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

### REFERENCES:

1. Vinzón SE, et al. Molecular cloning and expression in *Pichia pastoris* of a hypoallergenic antigen 5. *Protein Expr Purif.* 2010 Sep;73(1):23-30.
2. Caruso B., et al. Wasp venom allergy screening with recombinant allergen testing. Diagnostic performance of rPol d 5 and rVes v 5 for differentiating sensitization to *Vespula* and *Polistes* subspecies. *Acta.* 2016 Jan 30;453:170-3.
3. Shin et al. Clinical Features and the Diagnostic Value of Component Allergen-Specific IgE in Hymenoptera Venom Allergy. *Allergy Asthma Immunol Res.* 2012 Sep; 4(5): 284–289.
4. Yoshida N, et al. Improved sensitivity to venom specific-immunoglobulin E by spiking with the allergen component in Japanese patients suspected of Hymenoptera venom allergy. *Allergol Int.* 2015 Jul;64(3):248-52.