

SPECIFICATION SHEET

Product Name: Pol d 5
Catalog # PD05-A25H1

Product Description: Recombinant *Polistes dominula* allergen Pol d 5 was expressed in *P. pastoris* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot product into smaller quantities.

Alternative Names : Wasp venom antigen 5, cysteine-rich venom protein (CRVP)

Source : *Polistes dominula* (European paper wasp)

Accession Numbers : Genbank: [AAT95010](#)

UniProt: [P81656](#)

Host : *P. pastoris*

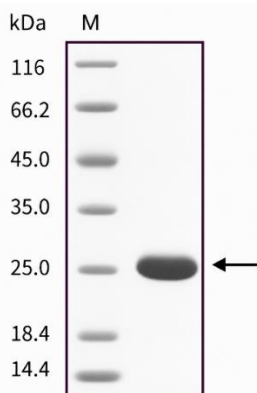
Formulation : Protein stored in 20 mM Tris, 50 mM NaCl, pH 7.5

Molecular Weight : Calculated: 23.0 kDa

Observed: ~24.0 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Blank S, et al. Antigen 5 Allergens of Hymenoptera Venoms and Their Role in Diagnosis and Therapy of Venom Allergy. *Curr Allergy Asthma Rep.* 2020 Jul 9;20(10):58.
2. Jakob T, et al. Component resolved diagnostics for hymenoptera venom allergy. *Curr Opin Allergy Clin Immunol.* 2017 Oct;17(5):363-372.

Version: 1.0