

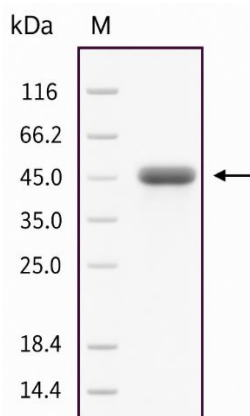
SPECIFICATION SHEET

Product Name: Pol d 5
Catalog # PD05-A25H

Product Description: Recombinant *Polistes dominula* allergen Pol d 5 was expressed in *E. coli* 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 : *E. coli*
Formulation : Protein stored in 20 mM Tris, 300 mM NaCl, 10% Glycerol, pH 7.4
Molecular Weight : Calculated: 36.0 kDa
 Observed: ~40.0 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.

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