

SPECIFICATION SHEET

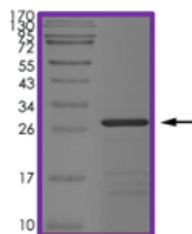
Product Name: Der p 7
Catalog # DP07-A941H

Product Description: Recombinant Dermatophagoides pteronyssinus Der p 7 was expressed in *E. coli* and purified by affinity chromatography using His tag.

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

Data for a Sample Lot:

Alternate Names : Mite allergen Der p 7, Allergen Der p VII
Source : *Dermatophagoides pteronyssinus*
Accession Numbers : GenBank: [U37044.1](#)
 UniProt: [P49273](#)
Host : *E. coli*
Formulation : Recombinant protein stored in 1x PBS solution
Molecular weight : Calculated: ~23.6 kDa
 Observed: ~28 kDa
Purity : The purity was determined to be > 90% by densitometry
Gel Image



References

1. Shen HD, et al. Molecular cloning of a house dust mite allergen with common antibody binding specificities with multiple components in mite extracts. Clin Exp Allergy. 1993 Nov;23(11):934-940. PMID: 10779281.
2. Mueller GA, et al. The structure of the dust mite allergen Der p 7 reveals similarities to innate immune proteins. J Allergy Clin Immunol. 2010 Apr;125(4):909-917.e4. doi: 10.1016/j.jaci.2009.12.016. PMID: 20226507. PMCID: PMC2885876.