

SPECIFICATION SHEET

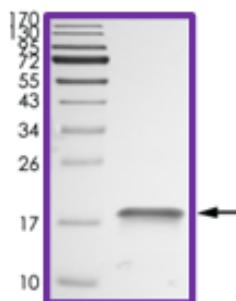
Product Name: Der p 23
Catalog # DP23-A941H

Product Description: Recombinant full-length Dermatophagoides pteronyssinus allergen Der p 23 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.

Data for a Sample Lot:

Alternate Names	: Major House Dust Mite allergen Der p 23
Source	: <i>Dermatophagoides pteronyssinus</i>
Accession Numbers	: GenBank: EU414751.1 UniProt: L7N6F8
Host	: <i>E. coli</i>
Formulation	: Recombinant protein stored in 1x PBS solution
Molecular weight	: Calculated: 11.6 kDa Observed: ~18 kDa
Purity	: The purity was determined to be >90% by densitometry
Gel Image	



References

1. Mueller GA, et al. Serological, genomic, and structural analyses of the major mite allergen Der p 23. Clin Exp Allergy. 2016 Feb;46(2):365-376. doi: 10.1111/cea.12680. PMID: 26602749. PMCID: PMC4732897.
2. Banerjee S, et al. Conversion of Der p 23, a new major house dust mite allergen, into a hypoallergenic vaccine. J Immunol. 2014 May 15;192(10):4867-4875. doi: 10.4049/jimmunol.1303264. PMID: 24733847. PMCID: PMC4582415.