

Der p 21/23

Recombinant allergen protein expressed in E Coli

Catalog # DP22-A941H

Lot # F3866-11

Catalog Number	DP22-A941H
Allergen	Der p 21/23
Gene Aliases / Alternate Names	Mite allergen Der p 21; Major House Dust Mite allergen Der p 23
Specification	
Source	<i>Dermatophagoides pteronyssinus</i>
Host	<i>E. Coli</i>
Purification	Affinity chromatography
Formulation	Recombinant protein stored in 1 X PBS solution.
Molecular Weight	~30 kDa
Purity	The purity of Der p 21/23 was determined to be >90% by densitometry,
Concentration	0.630 µg/µl



Product Description

Recombinant full-length *Dermatophagoides pteronyssinus* Der p 21/23 was expressed in *E. Coli* using a C-terminal His tag. The gene accession number for Der p 21 and Der p 23 are [Q2L7C5](#) and [L7N6F8](#), respectively.

Storage and Stability

Store product at -20°C. For optimal storage, aliquot diluted product into smaller quantities and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

References

1. Weghofer M, et al. Characterization of Der p 21, a new important allergen derived from the gut of house dust mites. *Allergy*. 63:758-67, 2008.
2. Mueller GA, et al: Serological, genomic and structural analyses of the major mite allergen Der p 23. *Clin. Exp. Allergy*. 46:365-76, 2016.

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