

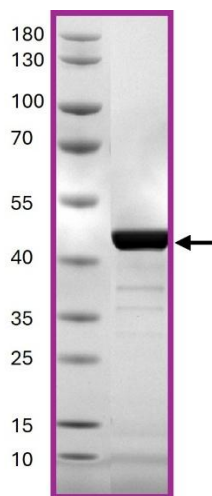
SPECIFICATION SHEET

Product Name: Der p 20
Catalog # DP20-A35H

Product Description: Recombinant *Dermatophagoides pteronyssinus* allergen Der p 20 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 : Arginine Kinase from European house dust mite
Source : *Dermatophagoides pteronyssinus* (European house dust mite)
Accession Numbers : Genbank: [EU684970](https://www.ncbi.nlm.nih.gov/nuclot/EU684970)
 UniProt: [B2ZSY4](https://www.uniprot.org/uniprot/B2ZSY4)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 41.8 kDa
 Observed: ~43 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Hales BJ, et al. IgE and IgG anti-house dust mite specificities in allergic disease. *J Allergy Clin Immunol.* 2006 Aug;118(2):361-7.
2. Sarzsinszky E., et al. Expression in *Escherichia coli* and Purification of Folded rDer p 20, the Arginine Kinase From *Dermatophagoides pteronyssinus*: A Possible Biomarker for Allergic Asthma. *Allergy Asthma Immunol Res.* 2021 Jan;13(1):154-163.

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