

SPECIFICATION SHEET

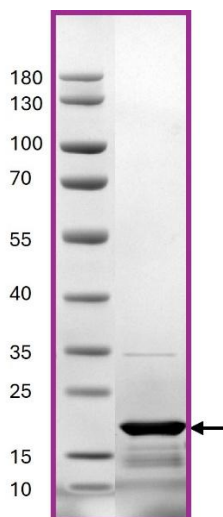
Product Name: Der p 39
Catalog # DP39-A35H

Product Description: Recombinant *Dermatophagoides pteronyssinus* allergen Der p 39 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 : Troponin C-like protein (TnC-like protein)
Source : *Dermatophagoides pteronyssinus* (European house dust mite)
Accession Numbers : Genbank: [MZ336019](https://www.ncbi.nlm.nih.gov/nuclot/MZ336019)
 UniProt: [A0A6P6YD30](https://www.uniprot.org/uniprot/A0A6P6YD30)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 19.1 kDa
 Observed: ~19 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Li WY, et al. Identification of an immunodominant IgE epitope of Der p 39, a novel allergen of *Dermatophagoides pteronyssinus*. *World Allergy Organ J.* 2022 May 6;15(5):100651.
2. Liu S, et al. The novel house dust mite allergen Der p 39 exacerbates atopic dermatitis-like inflammation in mice by inducing skin barrier dysfunction. *World Allergy Organization Journal.* 2025;18(3):101036.

Version: 1.0