

SPECIFICATION SHEET

Product Name: Der f 1
Catalog # DF01-A941H

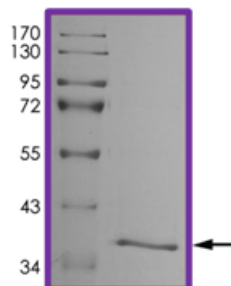
Product Description: Recombinant *Dermatophagoides farinae* allergen Der f 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

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 : Der f 1 allergen
Source : *Dermatophagoides farinae*
Accession Numbers : GenBank: [AB034946.1](https://www.ncbi.nlm.nih.gov/nuclot/AB034946.1)
 UniProt: [Q58A71](https://www.uniprot.org/uniprot/Q58A71)
Host : *E. coli*
Formulation : Protein stored in 1x PBS containing 20 mM arginine, 20 mM L-glutamic acid, and 3% sucrose
Molecular Weight : Calculated: 35.9 kDa
 Observed: ~36 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Piboonpocanun S, et al. Genetic polymorphisms of major house dust mite allergens. Clin Exp Allergy. 2006 Apr;36(4):510-516. doi: 10.1111/j.1365-2222.2006.02464.x. PMID: 16630157.