

SPECIFICATION SHEET

Product Name: Der f 2
Catalog # DF02-A941H

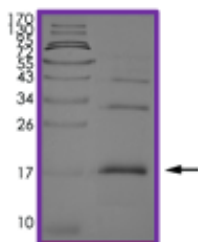
Product Description: Recombinant full-length *Dermatophagoides farinae* allergen Der f 2 was expressed in *E. coli* and purified by affinity

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 : Mite group 2 allergen Der f 2, Allergen Der f II
Source : *Dermatophagoides farinae*
Accession Numbers : GenBank: [D10447.1](https://www.ncbi.nlm.nih.gov/nuclot/D10447.1)
 UniProt: [Q00855](https://www.uniprot.org/uniprot/Q00855)
Host : *E. coli*
Formulation : Recombinant protein stored in 1x PBS solution
Molecular Weight : Calculated: 15.5 kDa
 Observed: ~17 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Yuuki T, et al. Cloning and expression of cDNA coding for the major house dust mite allergen Der f II in *Escherichia coli*. *Agric Biol Chem*. 1991 May;55(5):1233-1238. doi: 10.1080/00021369.1991.10870757. PMID: 1368682.
2. Ichikawa S, et al. NMR study on the major mite allergen Der f 2: its refined tertiary structure, epitopes for monoclonal antibodies and characteristics shared by ML protein group members. *J Biochem*. 2005 Mar;137(3):255-263. doi: 10.1093/jb/mvi039. PMID: 15809326.