

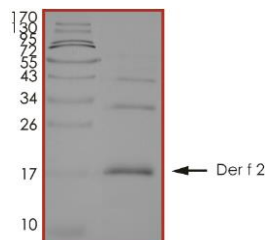
Der f 2

Recombinant allergen protein expressed in E Coli

Catalog # DF02-A941H

Lot # F3866-5

Catalog Number	DF02-A941H
Allergen	Der f 2
Gene Aliases / Alternate Names	Mite group 2 allergen Der f 2, Allergen Der f II
Specification	
Source	<i>Dermatophagoides farinae</i>
Host	<i>E. Coli</i>
Purification	Affinity chromatography
Formulation	Recombinant protein stored in 1 X PBS solution.
Molecular Weight	~17 kDa
Purity	The purity of Der f 2 was determined to be >80% by densitometry,
Concentration	1.10 µg/µl



Product Description

Recombinant full-length *Dermatophagoides farinae* Der f 2 was expressed in *E. Coli* using a C-terminal his tag. The gene accession number for Der f 2 is [Q00855](#).

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. 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. 55:1233-8, 1991.
2. Ichiwaka 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. 137:255-63, 2005.