



# Recombinant Dermatophagoides farina Der F1 Protein (a.a. 1-320) [His] (DAG1342)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	The E.Coli derived recombinant protein contains the Dermatophagoides farina Der F1 full length protein (a.a. 1-320) and fused to a 6 His Tag at C-terminus, having a total Mw of 36kDa, pI 5.88.
<b>Species</b>	D. farina
<b>Purity</b>	Protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.
<b>Conjugate</b>	His
<b>Molecular Weight</b>	36 kDa
<b>Format</b>	Liquid
<b>Size</b>	100 µg, 500 µg, 1 mg
<b>Buffer</b>	60mM NaCl, 50mM Tris-HCl pH 8.0 and 1.2M Urea.
<b>Preservative</b>	None
<b>Storage</b>	Der F1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
<b>Ship</b>	Shipped with Ice Packs

## BACKGROUND

<b>Introduction</b>	DERF1 is a thiol protease that hydrolyzes proteins, with a preference for Phe or basic residues. DERF1 is a C1 peptidase family member. DERF1 has extensive endopeptidase specificity.
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DERF1 causes an allergic reaction in humans. Common symptoms of mite allergy are bronchial asthma, allergic rhinitis and conjunctivitis.

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**Keywords**

D. farina Der F1; DERF1; Der F1; D. farina

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