



# Recombinant Dust Mite Der p 2 [His] (DAG-WT593)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Recombinant Der p 2 is produced by E.coli and the target gene encoding a.a. 18-146 is expressed with a His tag at the N-terminus.
<b>Species</b>	Dermatophagoides pteronyssinus
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	ELISA, EIA, WB
<b>Molecular Weight</b>	16.5 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	100 µg
<b>Buffer</b>	50 mM Tris-HCl (pH 8.0), 4 M urea
<b>Preservative</b>	None
<b>Storage</b>	Store at ≤-20°C. Avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	DERP2 is a cause of an allergic reaction in human. Common symptoms of mite allergy are bronchial asthma, allergic rhinitis and conjunctivitis. This protein and and Dermatophagoides farinae (Der f) are the major source of allergens for patients allergic to house dust mites
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(HDMs).

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**Keywords**

Dermatophagoides pteronyssinus; European house dust mite; DPX; NPC2; Der p 2

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## GENE INFORMATION

**UniProt ID**

P49278

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