



# Recombinant Dust Mite Der p 2 [His] (DAG-WT261)

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 (European house dust mite)
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	N/A
<b>Molecular Weight</b>	15.5 kDa
<b>Format</b>	Liquid or Lyophilized powder
<b>Size</b>	1 mg
<b>Buffer</b>	Tris-based buffer with 50% glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C

## 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 (HDMs).
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**Keywords**Dermatophagoides pteronyssinus; European house dust mite; DPX; NPC2; Der p 2

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## GENE INFORMATION

<b>Gene Name</b>	DERP2
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<b>UniProt ID</b>	P49278
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