

## OriGene Technologies Inc.

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## AR10480PU-N OriGene EU

## **Acris Antibodies GmbH**

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## **Dermatophagoides F1 / DerF1 - Purified**

Catalog No.: AR10480PU-N

Quantity: 0.5 mg

**Background:** 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. DERF1 causes an allergic reaction in humans. Common symptoms of mite

allergy are bronchial asthma, allergic rhinitis and conjunctivitis.

 Uniprot ID:
 P16311

 NCBI:
 6954

 Source:
 E. coli

Format: Purity: >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.

Purification Method: Proprietary chromatographic technique.

Buffer System: 10mM Tris-HCl, pH 6.5, 100mM Sodium Phosphate and 8M Urea

**Applications:** Use as an antigen in ELISA and Western Blots.

Other applications not tested. Optimal dilutions are dependent on conditions and should

be determined by the user.

**Description:** The *E.coli* derived recombinant protein contains the Der F1 epitopes 25-51, 74-95, 189-209

amino acids.

Storage: Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing. Shelf life: one year from despatch.