

Dermatophagoides F1 / DerF1 - Purified

Catalog No.: AR10480PU-S

Quantity: 0.1 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.