

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 <i>E.coli</i> 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.