



California Bioscience

83103 Avenue 48, Ste.1B #204
Coachella, CA 92236 USA
Phone : +1.6268339877
Email : info@cali-bio.com

Product Datasheet

Product Name	Recombinant Der F1 Protein (Der-F1)
Cata No	CB500028
Synonyms	Peptidase 1, Major mite fecal allergen Der f 1, Allergen Der f I, Der f 1, DERF1, Der F1

Description

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.

The E.Coli derived recombinant protein contains the Der F1 epitopes 25-51, 74-95, 189-209 amino acids.

Purity

Protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC

Formulation

10mM Tris-HCl, pH 6.5, 100mM Sodium Phosphate and 8M urea.

Stability

Five years frozen. One month in solution at room temperature

Application

Use as an antigen in ELISA and Western Blots.

*** For Non-Clinical Research Use Only ***