

Natural Mitogillin

Product Code: NA-AF1-2

Allergen: nAsp f 1 Homolog Mitogillin

Lot No: xxxxx

Source: *Aspergillus restrictus*

Mol. Wt: 16.8 kD

Purification: Purified by column chromatography.

Concentration: See product insert

Formulation: Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Filtered through 0.22 μ filter.

Storage: Store at -20°C

Notes: (1) Asp f 1 and mitogillin are 95% homologous (differing by 4 amino acid residues) and are antigenically and functionally indistinguishable. Arruda et al J. Exp. Med. 1990;172:1529.



Mitogillin

For Research Use Only: Not for Diagnostic or Therapeutic Use

REFERENCES:

1. Arruda, LK, Platts-Mills, TAE, Fox, JW and Chapman, MD (1990). *Aspergillus fumigatus* allergen I, a major IgE binding protein, is a member of the mitogillin family of cytotoxins. J. Exp. Med., 172:1529-1532.
2. Arruda LK, Platts-Mills TAE, Longbottom JL, Chapman MD (1992). *Aspergillus fumigatus*: Identification of 16kd, 18kd and 45kd antigens recognized by human IgG and IgE antibodies and murine monoclonal antibodies. J. Allergy Clin. Immunol. 89:1166-1176.
3. Arruda LK, Mann BJ, Chapman MD (1992). Selective expression of a major allergen and cytotoxin, Asp f I, in *Aspergillus fumigatus*. J. Immunol. 149:3354-3359.
4. Sporik RB, Arruda LK, Woodfolk J, Chapman MD, Platts-Mills TAE. (1993). Environmental exposure to *Aspergillus fumigatus* allergen 1 (Asp f I). Clin Exp Allergy 23:326-331.
5. El-Dahr JM, Fink R, Selden R, Arruda LK, Platts-Mills TAE, Heymann PW. (1994). Development of immune responses to *Aspergillus* at an early age in children with cystic fibrosis. Am J Respir Crit Care Med 150:1513-1518.