

Recombinant Asp f 1.0101

Product Code: RP-AF1-1

Allergen:	rAsp f 1 (<i>Aspergillus fumigatus</i> allergen 1.0101)
Lot No:	xxxxxx
Source:	<i>Pichia pastoris</i>
Mol. Wt:	18 kD
Purification:	Purified by multi-step HPLC. Purity on silver-stained SDS-PAGE >95%.
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. Avoid repeated Freeze/Thaw cycles.
Notes:	(1) rAsp f 1 has a C-terminal 6x His-tag. (2) Upper band is Asp f 1 dimer.



rAsp f 1

An InBio™ product

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.