

Purified Natural Ara h 1

Product Code: NA-AH1

Lot No: xxxxx

Allergen: nAra h 1 (*Arachis hypogaea* allergen 1)

Source: Roasted peanuts

Mol. Wt: 64.5 kD (monomer)

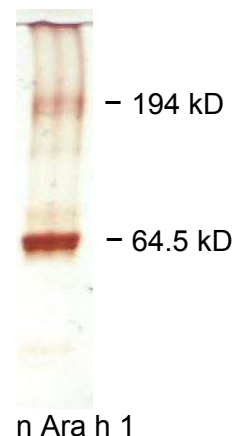
Purification: From delipidated peanut extract by multi-step chromatography. Purity on silver stained SDS-PAGE >90%.

Concentration: (See package insert) Based on Advanced Protein Assay (Cytoskeleton Inc., Denver, CO)

Formulation: Preservative-free and carrier-free in phosphate buffered saline, pH 7.4. Sterile filtered.

Storage: Store at -20°C

Notes: (1) Upper band is Ara h 1 trimer. (2) Trace level of Ara h 2 is <0.05%. (3) Endotoxin content is < 5.0 EU/μg



For Research Use Only: Not for Diagnostic or Therapeutic Use

References:

Burks AW, Williams LW, Helm RM, Connaughton C, Cockrell G, O'Brien T. Identification of a major peanut allergen, Ara h 1, in patients with atopic dermatitis and positive peanut challenges. *J Allergy Clin Immunol* 1991; 88(2):172-9.

Burks AW, Cockrell G, Stanley JS, Helm RM, Bannon GA. Recombinant peanut allergen Ara h 1 expression and IgE binding in patients with peanut hypersensitivity. *J Clin Invest* 1995; 96(4):1715-21.

Pomés A, Helm RM, Bannon G, Burks AW, Chapman MD. Monitoring peanut allergen in food products by measuring Ara h 1. *J Allergy Clin Immunol* 2003; 111(3):640-645.