

Natural Arachis hypogaea (peanut) allergen 1 protein

Cat. No. Arah1-228P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Natural Arachis hypogaea (peanut) allergen 1 protein was extracted from delipidated peanut and purified by affinity chromatography.
Species	Arachis hypogaea
Source	Blanched peanut, crushed (Runner cultivar)
Description	Ara h 1 and Ara h 3 are bicupin seed storage proteins. They belong to the cupin superfamily, a functionally highly diverse protein superfamily which contains at present 61 member families. In legumes, such as the peanut, the globulin type seed storage proteins are present in two forms, the 7S trimeric vicilins (e.g. Ara h 1) and the 11S hexameric legumins (e.g. Ara h 3).
Form	Preservative and carrier-free in sterile, endotoxin-free, phosphate buffered saline, pH 7.4.
Molecular Mass	64.5 kDa (monomer)
Endotoxin	< 0.03 EU/g
Purity	Purity on silver stained SDS-PAGE >95%.
Storage	(1) Store at -20°C. (2) Avoid freeze thaw cycles.
Warning	Allergens are provided for research and commercial use in vitro: not for human in vivo

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



or therapeutic use.

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