

Arachis hypogaea (peanut) Flour Protein with defined allergen content

Cat. No. Arah-6833P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Arachis hypogaea (peanut) Flour Protein with defined allergen content was extracted from light roasted peanut flour (Runner cultivar).
Species	Arachis hypogaea
Source	Light roasted peanut flour (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. Sterile filtered.
Molecular Mass	Ara h 1: 64 kDa monomer; Ara h 2: 19-19 kDa doublet; Ara h 3: 58 kDa non-red; Ara h 6: 14.5 kDa; Ara h 8: 17 kDa
Endotoxin	≤ 0.03 EU/μg
Storage	Store at -20°C. Do not allow product to remain at 4°C or room temperature for extended periods of time. Re-freeze unused portion and aliquot into smaller quantities if necessary to avoid freeze/thaw cycles.

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Warning

Allergens are provided for research and commercial use in vitro: not for human in vivo or therapeutic use.

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