

SPECIFICATION SHEET

Product Name: Ara h 2
Catalog # AH02-A9210

Product Description: The native *Arachis hypogaea* allergen Ara h 2 is the natural 2S albumin seed storage protein purified from peanuts. It is the most potent and clinically relevant allergenic components of peanuts.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot diluted product into smaller quantities.

Alternate Names : Conglutin-7, 2S protein 1, seed storage protein SSP1, seed storage protein SSP2

Source : *Arachis hypogaea* (peanut, groundnut)

Accession Numbers : Genbank: [AAK96887](#), [AAN77576](#)
 UniProt: [Q6PSU2-1](#)

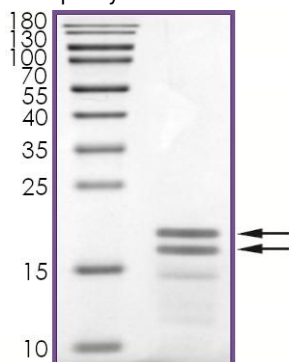
Host : Native protein

Formulation : Native protein stored in 30 mM Tris-HCl, pH 8.0 solution

Molecular Weight : Calculated: 17, 19 kDa
 Observed: ~16-20 kDa

Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Chatel JM, et al: Isolation and characterization of two complete Ara h 2 isoforms cDNA. Int Arch Allergy Immunol. May;131(1):14-8, 200.
2. Yong-Sheng Y, et al: Isolation of peanut genes encoding arachins and conglutins by expressed sequence tags. Plant Science, Volume 169, Issue 2, Pages 439-445, 2005