

SPECIFICATION SHEET

Product Name: Ara h 2
Catalog # AH02-A32H

Product Description: Recombinant *Arachis hypogaea* allergen Ara h 2 was expressed in *N. benthamiana* and purified by affinity chromatography using a His tag.

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

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

Source : *Arachis hypogaea* (peanut)

Accession Numbers : GenBank: [AY007229](https://www.ncbi.nlm.nih.gov/nuclot/AY007229)
 UniProt: [Q6PSU2](https://www.uniprot.org/uniprot/Q6PSU2)

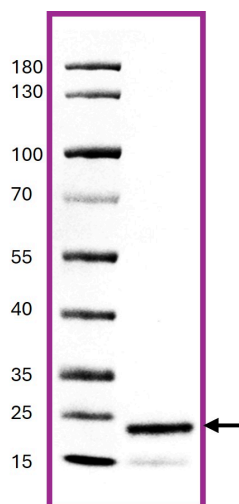
Host : *N. benthamiana*

Formulation : Protein stored in 1x PBS

Molecular Weight : Calculated: 20.7 kDa
 Observed: ~22 kDa

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

Gel Image



References

1. Li J, et al. Primary sequence and site -selective hydroxylation of prolines in isoforms of a major peanut allergen protein Ara h 2. 2010. Protein Science, 19(1), 174-182.
2. Viquez OM, et al. Isolation and molecular characterization of the first genomic clone of a major peanut allergen, Ara h 2. J Allergy Clin Immunol. 2001 Apr;107(4):713-7.

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