

SPECIFICATION SHEET

Product Name: Ara h 1
Catalog # AH01-A9210

Product Description: The native *Arachis hypogaea* allergen Ara h 1 is a naturally derived peanut allergen belonging to the 7S globulin family and is isolated from peanut with its native structure and relevant IgE-binding epitopes preserved.

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

Alternate Names : Peanut vicilin, 7S globulin, peanut seed storage protein, conglutin

Source : *Arachis hypogaea* (peanut, groundnut)

Accession Numbers : Genbank: [AAB00861](#)
 UniProt: [P43238](#)

Host : Native protein

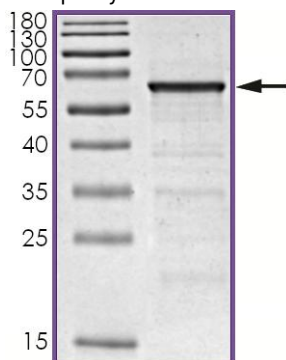
Formulation : Native protein stored in 30 mM Tris-HCl, pH 8.0 solution

Molecular Weight : Calculated: 64 kDa

Observed: ~65 kDa

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

Gel Image



References

1. Burks AW, et al: Recombinant peanut allergen Ara h 1 expression and IgE binding in patients with peanut hypersensitivity. J Clin Invest. Oct;96 (4):1715-21, 1995.
2. Viquez OM, et al: Structure and organization of the genomic clone of a major peanut allergen gene, Ara h 1. Mol Immunol. Dec;40(9):565-71, 2003