

SPECIFICATION SHEET

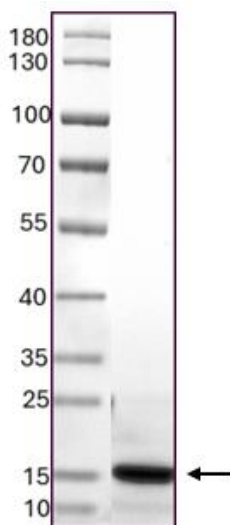
Product Name: Jug r 7

Catalog # JU07-A32H

Product Description: Recombinant *Juglans Regia* allergen Jug r 7 was expressed in *E. coli* 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	: Walnut Profilin
Source	: <i>Juglans Regia</i> (english walnut)
Accession Numbers	: GenBank: MG366484 UniProt: A0A2I4DNN6
Host	: <i>E. coli</i>
Formulation	: Protein stored in 1x PBS
Molecular Weight	: Calculated: 15.1 kDa Observed: ~15 kDa
Purity	: The purity was determined to be ≥ 90% by densitometry
Gel Image	



References

1. Lyons SA, et al. Walnut Allergy Across Europe: Distribution of Allergen Sensitization Patterns and Prediction of Severity. *J Allergy Clin Immunol Pract.* 2021 Jan;9(1):225-235.
2. Jiang, J. et al. A Review of Walnut Allergy: Allergens Characteristic, the Impact of Processing on Allergenicity and Future Perspectives. *Foods* 2026, 15, 2321.