

## Recombinant Jug r 5

**Product Code: RE-JR5-1**

Allergen: rJug r 5.0101 Juglans regia (English walnut)

Lot No: **XXXX**

Source: *E. coli*

Mol. Wt: 19 kD

Purification: Multi-step chromatographic purification.  
Purity > 95 % by silver stained SDS-PAGE

Concentration: See Product Insert.

Formulation: Preservative-free and carrier-free in 0.2M L-Arginine, phosphate buffered saline, pH 7.4. Sterile filtered.

Storage: Store at -20°C. Avoid repeated Freeze/Thaw cycles.



rJug r 5

**An InBio<sup>®</sup> Product**

**For Research Use Only: Not for Diagnostic or Therapeutic Use**

### REFERENCES

1. Wangorsch A et al. Identification and implication of an allergenic PR-10 protein from walnut in birch pollen associated walnut allergy. *Mol Nutr Food Res.* (2017) Apr;61(4).
2. Pawel Dubiela et al. Jug r 6 is the allergenic vicilin present in walnut responsible for IgE cross-reactivities to other tree nuts and seeds. *Scientific Reports*, **volume 8**, Article number: 11366 (2018).
3. Severe walnut allergies in children caused by storage proteins. *The Journal of Allergy and Clinical Immunology*. Published online: January 29, 2019.