

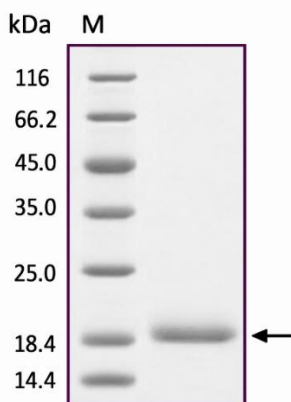
SPECIFICATION SHEET

Product Name: Car i 1
Catalog # CI02-A22H

Product Description: Recombinant *Carya illinoensis* allergen Car i 1 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 : Pecan 2S albumin, putative allergen I1
Source : *Carya illinoensis* (pecan)
Accession Numbers : Genbank: [AA032314](#)
 UniProt: [Q84XA9](#)
Host : *E. coli*
Formulation : Protein stored in 20 mM Tris, 100 mM NaCl, pH 7.4
Molecular Weight : Calculated: 17.7 kDa
 Observed: ~18.5 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Sharma GM, et al. Cloning and characterization of 2S albumin, Car i 1, a major allergen in pecan. J Agric Food Chem. 2011 Apr 27;59(8):4130-9.
2. Spiric, J., et al. In vitro digestion and characterization of 2S albumin and digestion-resistant peptides in pecan. Int J Food Sci Technol, 2018 53: 1566-1578.

Version: 1.0