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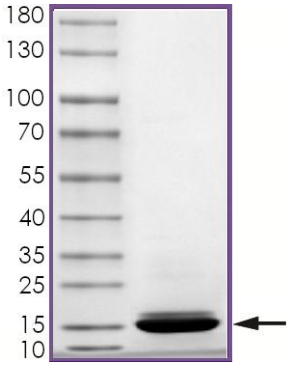
SPECIFICATION SHEET

Product Name: Hev b 8 — Catalog # HB01-A32H

Product Description: Recombinant *Hevea brasiliensis* allergen Hev b 8 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.

Data for a Sample Lot:

Alternate Names	: Profilin-1, Pollen allergen Hev b 8.0101, Hev b 8.0101
Source	: *Hevea brasiliensis (Para rubber tree)*
Accession Numbers	: Genbank: Y15042 UniProt: O65812
Host	: *E. coli*
Formulation	: Recombinant protein stored in 1X PBS, 5% trehalose solution.
Molecular weight	: Calculated: ~15.3 kDa Observed ~15 kDa
Concentration	: 1.03 µg/µl
Purity	: The purity was determined to be >80% by densitometry
Gel Image	

References

1. Nieto A, et al: Assessment of profilin as an allergen for latex-sensitized patients. Allergy. Sep;57(9):776-84, 2002.
2. Mares-Mejía I, et al: Novel murine mAbs define specific and cross-reactive epitopes on the latex profilin panallergen Hev b 8. Mol Immunol. Dec;128:10-21, 2020.