

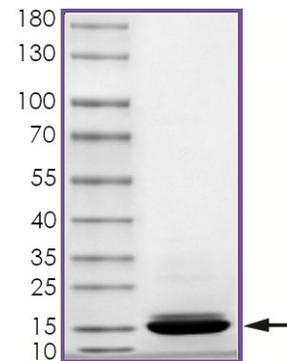
## Hev b 8

Recombinant allergen protein expressed in *E. coli*

Catalog # HB01-A32H

Lot # 1M2895-14

<b>Catalog Number</b>	<b>HB01-A32H</b>
<b>Allergen</b>	<b>Hev b 8</b>
<b>Alternate Names</b>	Profilin-1, Pollen allergen Hev b 8.0101, Hev b 8.0101
<b>Source</b>	<b>Specification</b> <i>Hevea brasiliensis</i> (Para rubber tree)
<b>Accession Numbers</b>	Genbank: <a href="#">Y15042</a> UniProt: <a href="#">O65812</a>
<b>Host</b>	<i>E. coli</i>
<b>Formulation</b>	Recombinant protein stored in 1X PBS, 5% trehalose solution.
<b>Molecular Weight</b>	Calculated: 15.3 kDa Observed: ~15 kDa
<b>Purity</b>	The purity of Hev b 8 was determined to be <b>&gt;80%</b> by densitometry.
<b>Concentration</b>	1.03 µg/µl



### 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 diluted product into smaller quantities.

### 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.*

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