

SPECIFICATION SHEET

Product Name: Par j 1
Catalog # PA01-A32H

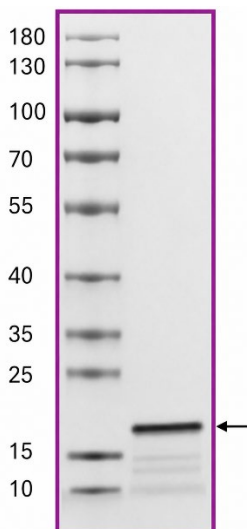
Product Description: Recombinant full-length *Parietaria judaica* (pellitory-of-the-wall) allergen Par j 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles, aliquot product into smaller quantities.

Data for a Sample Lot:

Alternative Names : Non-specific lipid transfer protein type 1 (nsLTP1)
Source : *Parietaria judaica* (Pellitory-of-the-wall)
Accession Numbers : Genbank: [X77414](#)
 UniProt: [P43217](#)
Host : *E. coli*
Formulation : Protein stored in 1X PBS
Molecular Weight : Calculated: 15.7 kDa
 Observed: ~18 kDa
Purity : The purity was determined to be ≥ 90% by densitometry

Gel Image



References

1. Bonura A, et al. Hypoallergenic Variants of the *Parietaria judaica* Major Allergen Par j 1: A Member of the Non-Specific Lipid Transfer Protein Plant Family. *Int Arch Allergy Immunol* (2001) 126 (1): 32-40.
2. Asturias J, et al. Par j 1 and Par j 2, the major allergens from *Parietaria judaica* pollen, have similar immunoglobulin E epitopes. *Clin Exp Allergy*. 2003 Apr;33(4):518-24.
3. Dorofeeva Y, et al. Expression and characterization of recombinant Par j 1 and Par j 2 resembling the allergenic epitopes of *Parietaria judaica* pollen. *Sci Rep*. 2019 Oct 21(9):15043.