

## Recombinant allergen Par j 2 for Parietaria judaica (Pellitory-of-the-Wall)

### Product Information

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**Cat#**

IVP-019

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**Product Name**

Recombinant allergen Par j 2 for Parietaria judaica (Pellitory-of-the-Wall)

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**Description**

Par j 2 is one of the major allergens of the parietaria pollen (Parietaria judaica), belonging to the family of phospholipid transporter proteins (LTPs). It has been prepared as a recombinant mature protein fused to a his-tag.

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**Type**

Recombinant

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**Gene**

Par j 2

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**Species**

Pellitory-of-the-Wall

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**Source**

Pichia pastoris

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**Molecular Weight**

Determined by SDS-PAGE, the protein band is between molecular markers of 18, 400 and 14, 400 Da, while relative molecular mass calculated from amino acid sequence is 15, 217.34 Da.

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**Incidence**

Not tested. According to the bibliography, the incidence of the protein is 82%

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**IVD**

Serodiagnosis of allergy to Pellitory-of-the-Wall

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### Concentration

1.18mg/ml

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### Stability

The protein will remain stable for four years if stored frozen.

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### Purity

>95% in a SDS-PAGE

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### Storage

Protein is shipped with dry ice. Upon arrival, it should be aliquoted in order to avoid repeated freezing and thawing cycles and stored at -20°C to -80°C.

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### Observation

Proteins should be maintained frozen at high concentrations. In order to defrost the protein, maintain the aliquot at 25°C without shaking to avoid aggregation. Prior making test dilutions and after defrosting the protein, is recommended to remove possible protein aggregates by centrifuging the stock solution, avoiding alterations in the immobilization of the biomolecule to the solid surface.

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### Notes

During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the containers cap.

Although recombinant antigens are expressed in non-pathogenic *P.pastori* and bacterial integrity is destroyed during purification, the antigen preparation should be handled as potentially infectious.

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