
Product Data Sheet

Product Name: Art v 1
Cat. No.: GP25155
Batch No.: 1

Product Data

| | | | |
|---------------------|--|--------------------|-------------------------|
| Purity | >98% | Source | Sf9 insect cells. |
| Physical Appearance | solid | Shipping Condition | Shipped with Ice Packs. |
| Synonyms | Defensin-like protein 1. | | |
| Formulation | Art v 1 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea. | | |

Introduction

Art v 1, *Artemisia vulgaris* (mugwort) is a common weed in the Mediterranean area. The significant allergen of mugwort pollen, is a secreted modular glycoprotein with a N-terminal defensin-like and a C-terminal hydroxyproline-rich domain. The reactivity of IgE antibodies is primarily aimed to epitopes located in the N-terminal domain.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

Recombinant Art v 1 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 11,486 Dalton. Art v 1 is expressed with a 5xHis tag at N-terminus and purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

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