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## Product Data Sheet

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Product Name: Conglutin  
Cat. No.: GP25151  
Batch No.: 1

### Product Data

|                     |  |                    |                         |
|---------------------|--|--------------------|-------------------------|
| Purity              | >98%   | Source             | Sf9 insect cells.       |
| Physical Appearance | solid  | Shipping Condition | Shipped with Ice Packs. |
| Synonyms            | Conglutin; Allergen Ara h 6.                                   |                    |                         |
| Formulation         | Conglutin is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea. |                    |                         |

### Introduction

Conglutin, also known as Ara h 6.0101 is a part of the 2S albumin protein family. Conglutin along with Ara h 2.0201 are considered as some of the most potent elicitors of anaphylaxis. Both proteins hold multiple disulphide-bridged cysteine residues, resulting in a tightly coiled, heat-stable, protease resistant core structure. Conglutin causes an allergic reaction in human and binds to IgE.

### 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 Conglutin produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 16,217 Dalton. Conglutin is expressed with a 10xHis 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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