
Product Data Sheet

Product Name: Ara h 2.0201

Cat. No.: GP25149

Batch No.: 1

Product Data

Purity >98%

Source Sf9 insect cells.

Physical Appearance solid

Shipping Condition Shipped with Ice Packs.

Synonyms Conglutin-7; 2S protein 1; Seed storage protein SSP1; Seed storage protein SSP2; Allergen Ara h 2.

Formulation Ara h 2.0201 is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.

Introduction

Ara h 2 comprises of 2 isoforms: Ara h 2.0101 and Ara h 2.0201. Ara h 2.0201 is the most important peanut allergen which binds IgE. Ara h 2.0201 is a Weak inhibitor of trypsin and is a conglutin storage protein which accounts together with Ara h 6.0101 for the majority of the IgE immune response.

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 Allergen Ara h 2.0201 produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 20,000 Dalton. Ara h 2.0201 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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