

32-13545: Conglutin

Alternative Name : Conglutin, Allergen Ara h 6.

Description

Source: Sf9 insect cells.

Sterile Filtered clear solution.

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.

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.

Product Info

Amount :	50 µg / 100 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	Conglutin is supplied in 20mM HEPES buffer pH-7.9 and 6M Urea.
Storage condition :	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.