

Allergen Ara h 2.0201 Recombinant Protein

Recombinant Allergen Ara h 2.0201 (Conglutin-7)

CATALOG # AAA38038	HOST Sf9 insect cells.
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PRODUCT SYNONYMS

Allergen Ara h 2.0201; Recombinant Allergen Ara h 2.0201 (Conglutin-7); Conglutin-7; 2S protein 1; Seed storage protein SSP1; Seed storage protein SSP2; Allergen Ara h 2.; Allergen Ara h 2.0201 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells.
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE
Form/Format	Sterile filtered clear solution. Ara h 2.0201 is supplied at a concentration of 0.77mg/mL in 20mM HEPES buffer pH-7.9 and 6M Urea
Concentration	0.77mg/mL (varies by lot)
Sequence Length	172
Immunological Functions	1. Binds IgE type human antibodies. 2. Immunodot test with positive/negative sera panels.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for Allergen Ara h 2.0201 recombinant protein	Description: 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. 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.
Product Categories/Family for Allergen Ara h 2.0201 recombinant protein	Allergy Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	147639154
UniProt Accession #	Q6PSU2 ; Q647H0 ; Q6PSU1 ; Q7Y1C0 ; Q84TU1 ; Q8GV20 ; Q941R0 ; A1DZE8 ; A5Z1R1 ; C0LJJ1
NCBI Official Full Name	Conglutin-7
UniProt Protein Name	Conglutin-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.