

Ara h 8.0101

Allergen Specification

Product Number: 52700

Description:

Arachis hypogaea Ara h 8.0101.
Recombinant allergen for in vitro
research and manufacturing use only.

Immunological function:

Binds IgE-type human antibodies.

Origin:

Recombinant. Expressed in *E. coli*
bacterial cells.

Expression construct:

Full-length cDNA coding for Ara h
8.0101 fused to a deca-histidine
purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western
blot with patient sample.

Calculated molecular weight:

18 kDa

Calculated isoelectric point:

pH 6.05

Endotoxin content:

Tested by LAL (Limulus Amoebocyte
Lysate) chromogenic endotoxin assay.

Immunological tests/Functionality:

Immunodot analyses with
positive/negative samples.

**Recommended buffer/storage and
handling conditions:**

Recommendations for storage buffer:
neutral to slightly alkaline pH and 6 M
urea. Storage conditions: -70°C or
below.

Repeated freeze/thaw cycles should
be avoided.

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