

***Candida albicans* Bgl2**

Antigen Specification

Product Number: 44800

Description:

Candida albicans Bgl2 protein, also known as glucan 1,3-beta-glucosidase (EC 3.2.1.58).

Recombinant antigen for in vitro research and manufacturing use only.

Immunological function:

Binds IgG-, IgM, and IgA-type human antibodies.

Origin:

Recombinant. Expressed by recombinant baculovirus (*Autographa californica* multiple nuclear polyhedrosis virus; AcMNPV) infection of *Spodoptera frugiperda* Sf9 insect cells.

Expression construct:

Full-length cDNA coding for *Candida albicans* Bgl2 fused to a deca-histidine purification tag.

Biochemical tests:

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

Calculated molecular weight:

35 kDa

Calculated isoelectric point:

pH 5.21

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 (to maintain denatured state).
Storage conditions: -70°C or below.
Repeated freeze/thaw cycles should be avoided.

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