

***Candida albicans* Hsp70**

Antigen Specification

Product Number: 45400

Description:

Candida albicans Hsp70 protein, also known as SSA1. Recombinant antigen for research use or manufacturing only.

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* Hsp70 fused to a deca-histidine purification tag.

Biochemical tests:

SDS-PAGE (purity > 80%); Western blot with monoclonal anti-penta-His antibody.

Calculated molecular weight:

71,695 Dalton

Calculated isoelectric point:

pH 5.41

Endotoxin content:

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

Recommended buffer/storage and handling conditions:

Recommendations for storage buffer: neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent. Storage conditions: -70°C or below. Repeated freeze/thaw cycles should be avoided.

Copyright 2016 DIALECT AG