Product Data Sheet

Product Name:	C.Albicans Enolase
Cat. No.:	GP22911
Batch No.:	1

Product Data

Purity	>98%	Source	Sf9 insect cells.
Phycical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	C.Albicans Enolase is supplied in 20mM HEPES buffer pH-7.6, 250mM NaCl and 20% glycerol.		

Introduction

Candida albicans is a diploid fungus, which grows both as yeast and filamentous cells and a contributory agent of opportunistic oral and genital infections in humans, and candidal onychomycosis (an infection of the nail plate). Systemic fungal infections (fungemias) including those by C. albicans are regarded as key causes of morbidity and mortality in immunocompromised patients (e.g., AIDS, cancer chemotherapy, organ or bone marrow transplantation). C. albicans biofilms may develop on the surface of implantable medical devices. C. albicans is commensal and a constituent of the normal gut flora containing microorganisms which live in the human mouth and gastrointestinal tract. Overgrowth of the fungus leads to in candidiasis (candidosis). Candidiasis is frequently detected in immunocompromised persons, including HIV-infected patients. To infect host tissue, the habitual unicellular yeast-like form of C. albicans reacts to environmental signals and changes into an invasive, multicellular filamentous form, a phenomenon which is known as dimorphism.

Stability

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.

Background

Recombinant Candida Albicans Enolase produced in SF9 is a glycosylated, polypeptide chain having a calculated molecular mass of 48,603 Dalton. C.Albicans Enolase is expressed with a 10xHis tag at N-terminus and purified by proprietary chromatographic

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