

Yeast Cell Lytic Enzymes

Cat. No. YCLE-001

Lot. No. (See product label)

Introduction

Description

YCLE-001 was prepared from liquid culture supernatant of *Streptomyces rochei* DB-34. This product has complex lytic activities of yeast cell mainly consisting of β -1,6 glucanase and β -1,3 glucanase activity. This enzyme works well for Ascosporogenous yeasts such as *Saccharomyces cerevisiae*. But it is also available for fission yeasts such as *Schizosaccharomyces pombe* which cannot be protoplasted just with Zymolyase treatment or Basidiosporogenous yeasts, Imperfect yeasts such as *Ustilago maydis*, *Phaffia rhodozyma*, *Cryptococcus albidus*, etc. which are rarely protoplasted, and make them efficiently into protoplast.

Product Information

Form

Lyophilized powder (containing celite as the excipient)

Activity

>35,000 units / g

Unit Definition

One unit is defined as the amount required to cause a 1% decrease in absorbance at 660nm in 1 min. at 30°C, pH6.0 when using cell wall fraction of *Cryptococcus albidus* IFO 0612.

Storage and Shipping Information

Storage

Lyophilized preparation is stable for at least 1 year when stored at 4°C