Creative Enzymes®

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