

# Westase

Cat#OZK-OZ20-EX

from *Streptomyces rochei* DB-34

**Westase** was prepared from liquid culture supernatant of *Streptomyces rochei* DB-34. This product has complex lytic activities of yeast cell mainly consisting of  $\beta$ -1,6 glucanase and  $\beta$ -1,3 glucanase activity. This enzyme works well for Ascosporegenous 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 Basidiosporegenous yeasts, Imperfect yeasts such as *Ustilago maydis*, *Phaffia rhodozyma*, *Cryptococcus albidus*, etc. which are rarely protoplasted, and make them efficiently into protoplast.

## SPECIFICATIONS:

Appearance	Lyophilized powder (containing celite as the excipient)
Package Size	2 g

## DEFINITION OF ACTIVITY

### $\beta$ -1,6 glucanase activity:

One unit is defined as the amount required to release 1  $\mu$ mol reducing sugar from 10 mg/ml Pustulan solution in 1 min. at 37°C, pH6.0.

### Lytic activity

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

### Specific activities

$\beta$ -1,6 glucanase activity	$\geq 400$ units/g
Lytic activity	$\geq 35,000$ units/g
DNase activity	ND (McIlvain Buffer, pH6.0)

## STORAGE:

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

### Distributor

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