

## Native baker's yeast (*S. cerevisiae*) Proteinase A

Cat. No. NATE-0636

Lot. No. (See product label)

### Introduction

#### Description

Saccharopepsin is an enzyme. This enzyme catalyses the following chemical reaction: Hydrolysis of proteins with broad specificity for peptide bonds. Cleaves-Leu-Leu-Val-Tyr bond in a synthetic substrate. This enzyme is present in baker's yeast (*Saccharomyces cerevisiae*).

#### Applications

Possibly useful for producing overlap peptides in sequence studies.

#### Synonyms

Endopeptidase; Proteinase A; EC 3.4.23.25; yeast endopeptidase A; *Saccharomyces aspartic proteinase*; aspartic proteinase yscA; proteinase yscA; yeast proteinase A; *Saccharomyces cerevisiae* aspartic proteinase A

### Product Information

#### Species

baker's yeast

#### Source

*S. cerevisiae*

#### Form

Lyophilized solids containing sodium Citrate, pH 5.0.

#### EC Number

EC 3.4.23.25

#### Activity

15-50 units/mg protein

#### Unit Definition

One unit will hydrolyze one mg of Insulin Chain B (Oxidized) per min at pH 6.0 at 25°C.

### Usage and Packaging

#### Package

Package size based on protein content.

### Storage and Shipping Information

#### Storage

-20°C