

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