

serralysin

Cat. No. EXWM-4322

Lot. No. (See product label)

Introduction

Description A 50 kDa extracellular endopeptidase from *Pseudomonas aeruginosa*, *Escherichia freundii*, *Serratia marcescens* and *Erwinia chrysanthemi*. There is broad specificity in cleavage of the insulin B chain, with some species variations. The pH optimum for digesting various proteins is about 9 - 10. In peptidase family M10 (interstitial collagenase family). Formerly included in EC 3.4.24.4

Synonyms *Pseudomonas aeruginosa* alkaline proteinase; *Escherichia freundii* proteinase; *Serratia marcescens* extracellular proteinase; *Serratia marcescens* metalloproteinase; *Pseudomonas aeruginosa* alk. protease; *Serratia marcescens* metalloprotease

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.4.24.40

CAS No. 70851-98-8

Reaction Preferential cleavage of bonds with hydrophobic residues in P1'

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.