

thermitase

Cat. No. EXWM-4157

Lot. No. (See product label)

Introduction

Description

A peptidase of family S8 (subtilisin family) from *Thermoactinomyces vulgaris* containing a single Cys, near the active site His, and inhibited by p-mercuribenzoate. The N-terminal extension of the polypeptide chain relative to subtilisin contributes to Ca²⁺-binding and the high thermostability. The amino acid composition and properties of the thermostable enzyme from *Streptomyces rectus* var. *proteolyticus* (formerly included in EC 3.4.21.14) are closely similar.

Synonyms

thermophilic *Streptomyces* serine proteinase; *Thermoactinomyces vulgaris* serine proteinase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.4.21.66

CAS No.

69772-87-8

Reaction

Hydrolysis of proteins, including collagen

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.