

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.