

## stratum corneum chymotryptic enzyme

Cat. No. EXWM-4112

Lot. No. (See product label)

### Introduction

#### Description

This enzyme has wide substrate specificity, being able to degrade heat-denatured bovine casein and the  $\alpha$ -chain of native human fibrinogen. It cleaves the B chain of bovine insulin at Leu6-Cys7, Tyr16-Leu17, Phe25-Tyr26 and Tyr26-Thr27. It is thought to play a role in the desquamation (skin-shedding) of the outer layer of skin, the stratum corneum, by degrading intercellular cohesive structures. Belongs in peptidase family S1A.

#### Synonyms

kallikrein 7; SCCE; KLK7; PRSS6; hK7

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 3.4.21.117

#### CAS No.

155215-90-0

#### Reaction

Cleavage of proteins with aromatic side chains in the P1 position

#### 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.